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October 4, 2007

Mr. Gary J. Riley, P.E.
Remedial Project Manager
United States Environmental Protection Agency Region 9
75 Hawthorne Street
Mail Code SFD-7-2
San Francisco, CA 94105

RE: Definable Features of Work Completion Report for
Off-Site Remediation Activities
Purity Oil Sales Superfund Site
Malaga, Fresno County, California
SECOR Project No.: 24CH.67006.03

Dear Mr. Riley:

On behalf of Chevron Environmental Management Company (CEMC), SECOR International Incorporated (SECOR) is submitting this Definable Features of Work (DFW) Completion Report to the United States Environmental Protection Agency (USEPA) to provide a summary of the off-site remediation activities conducted at the Purity Oil Sales Superfund Site (Site) in Malaga, California. The off-site properties affected by the remediation activities were Pick-A-Part Auto Wrecking (Pick-A-Part), Bruno's Iron and Metal (Bruno's), Tall Trees Mobile Home Park (Tall Trees), South Maple Avenue right-of-way, and the Golden State Market (GSM). The objectives of the off-site remediation activities, as specified in the June 2006 Record of Decision (ROD) Amendment for Operable Unit 2 (OU-2) are as follows:

- Prevent acidic sludge and other Site-related contaminants from coming in contact with industrial workers on properties adjacent to the Site (Pick-A-Part, Bruno's, and Tall Trees) and workers and residents on the GSM property.
- Remove acidic sludge and contaminated soil containing chemicals of concern (COCs) at concentrations exceeding health-based action levels at properties adjacent to the site.
- Prevent or minimize further migration of contaminants from source material to groundwater.
- Prevent migration of contaminated groundwater to local domestic or irrigation wells.
- Remediate COCs in soil and groundwater to drinking water standards and other health-based action levels to reduce risks from potential exposure to indoor air contaminants whose source is Site-related contamination.
- Prevent further migration of soil vapor containing COCs at concentrations exceeding Applicable or Relevant and Appropriate Requirements (ARARs) and To Be Considered (TBC) criteria.

The off-site remediation activities were conducted to comply with the June 2006 ROD Amendment for OU-2, and in accordance with the Remedial Action Work Plan (RAWP) approved by the USEPA in a letter dated February 2, 2007.

The off-site remediation activities included the following tasks:

- Excavation of the overburden material and transport of the excavated material to the Site for neutralization as required;
- Excavation of the sludge materials and transport of the excavated material to the Site for neutralization as required;
- Placement of clean backfill material in lifts; and

- Grading the placed material to meet the design grades.

The RAWP, the Construction Quality Assurance Plan/Construction Quality Control Plan (CQAP/CQCP), and the Sampling and Analysis Plan/Quality Assurance Project Plan (SAP/QAPP) include requirements for quality control testing to be conducted during the off-site remediation activities, including:

- pH analysis of the excavated material;
- Density and moisture content analyses conducted on the placed, compacted lifts;
- Surveying of the placed lifts;
- Remediation of soils under the GSM structures; and
- Confirmation soil sampling from the completed excavations.

This report provides a summary of the off-site activities, the results of quality control testing, and a summary of deviations from the RAWP, CQAP/CQCP, and SAP/QAPP conducted through September 28, 2007.

1.0 Off-Site Excavation Activities

1.1 Excavation of Sludge and Impacted Soils

The objective of the off-site soil excavation and removal was to remove all sludge material from off-site properties regardless of depth, and to remove all impacted soils with no visible evidence of sludge (material with analytical results greater than industrial PRGs and/or TPH greater than 10,000 ppm) to a minimum depth of 4 feet below ground surface (bgs). The excavation of impacted off-site soils began on February 13, 2007. Impacted soil and sludge materials were excavated from Bruno's, Tall Trees, Pick-A-Part, along South Maple Avenue, and the former GSM at the locations shown on Figure 1. As of September 28, 2007, a total of approximately 5,993 cubic yards (CY) of impacted soils were excavated from the off-site properties, as indicated on Table 1. The excavated sludge and impacted soils from off-site areas were transported to the Site for neutralization, as required, and placement under the engineered cap.

1.2 Backfilling

The off-site excavations were backfilled using clean, imported borrow material which was placed in 8-inch compacted lifts. Approximately 6,276 cubic yards of clean fill (loose volume) was used as off-site backfill, as indicated in Table 1. Samples of the borrow source were collected in accordance with the California Department of Toxic Substance Control (DTSC) document titled *Information Advisory, Clean Imported Fill Material.* The borrow area is located southeast of the intersection of Central and Peach Avenues. A total of 12 soil samples were collected from the borrow source area and were submitted to a laboratory for analysis in accordance with the RAWP. The results of the laboratory samples were screened against the USEPA Region 9 Preliminary Remediation Goals (PRGs) for residential soils via direct contact. The only analyte detected in any of the twelve soil samples at a concentration in excess of its PRG was arsenic. All 12 samples exceeded the Region 9 PRG for arsenic of 0.062 milligrams per kilogram (mg/kg). The borrow source arsenic concentrations ranged from 0.95 mg/kg to 2.5 mg/kg. The background concentration for arsenic in the Fresno area ranges from approximately 1.8 mg/kg to 4.4 mg/kg; therefore, the borrow source material was accepted by the USEPA in a letter dated January 19, 2007.

Samples were collected for geotechnical analysis in October 2006. The results of the testing indicated that the material met the requirements in the specification, therefore the borrow source was approved by the SECOR Quality Control (QC) Engineer. Subsequent testing in April 2007 and August 2007 indicated that the material had slightly different properties. The material contained a higher percentage of fines and did not meet the requirement for percent passing the #200 sieve. The material met all other engineering requirements for use as off-site backfill and was approved by the SECOR QC Engineer. A field change request (FCR-15) was submitted to the USEPA on August 22, 2007 to modify

the gradation requirements for the backfill and cushion layer material to allow use of this borrow source material. USEPA approval of FCR-15 is pending.

2.0 Golden State Market Front Yard

The GSM front yard and backyard properties were purchased by Chevron in May 2007. The ROD Amendment specified that the GSM front yard area was a residential property and the confirmation samples would need to meet the PRGs for residential properties if Alternative 3 was implemented or PRGs for industrial properties if Alternative 4 was implemented. Because Chevron purchased the property, Alternative 4 is being implemented, and the property is now considered an industrial property; therefore, the confirmation samples were compared to the PRGs for industrial properties.

As part of the remediation for the GSM front yard, a soil boring investigation was conducted on February 12 and 13, 2007 to delineate the extent of impacted soils on the property. The results indicated that the impacted soils extended beneath the structures and demolition of the structures would be required. A summary of the investigation is included in the *Golden State Market Front Yard Investigation Report* which was submitted to the USEPA on March 20, 2007.

2.1 Asbestos and Lead Paint Investigation/Abatement

The first phase of the GSM remediation activities included an asbestos survey and a lead paint survey of the existing market structures. The asbestos survey was conducted on March 8, 2007 by Leon Environmental Services. The results of the survey indicated that friable asbestos containing materials (ACMs) were present in the structure. A copy of the asbestos survey report is included as Attachment A.

A lead paint survey was conducted on March 27, 2007 by Leon Environmental Services. The results of the survey indicated that lead based paint was present on some of the painted surfaces of the existing structure. A copy of the lead based paint survey report is included as Attachment B.

The asbestos and lead based paint abatement was conducted from June 20 to June 22, 2007 by PARC Environmental Construction (PARC). The ACMs were removed from the structure, containerized, and disposed of in accordance with all federal, state, and local regulations. The pieces of the structure containing lead based paint were removed, saw cut to manageable sizes, and containerized. The containers were disposed of by Waste Management on September 6, 2007.

2.2 Building Demolition

Prior to the demolition of the structures on the GSM property, all the utilities were disconnected within the right-of-way by the appropriate utility company with the exception of a sewer lateral which was disconnected by SECOR after the water and sewer services were turned off at the GSM property. The GSM structures were demolished on July 2, 2007. The demolition debris was disposed by Waste Management on July 2 and 3, 2007. The concrete footer and foundation were removed after the building was demolished and subsequently disposed by Waste Management.

2.3 Unlabeled Containers

During the demolition of the GSM structures, an unlabeled 55-gallon drum, one unlabeled 5-gallon bucket, and one labeled 5-gallon bucket were discovered on July 2, 2007. The unlabeled 5-gallon bucket was visually identified as roofing tar and the labeled 5-gallon bucket was labeled as paint. The contents of the labeled bucket were visually confirmed to be semi-solid paint. The buckets were disposed by PARC as non-hazardous material. PARC collected samples of the drum material on July 3, 2007. Results of the sampling indicated that the content of the drum is considered hazardous by the Resource Conservation and Recovery Act for perchloroethylene and trichloroethene. CEMC is

currently obtaining a temporary USEPA identification number for disposal of the drum. Disposal of the drum will be through Waste Management.

3.0 Compaction Density Testing

During placement of the clean fill material, each lift was compacted using a vibratory compactor, or equivalent method (excavator using bucket or auxiliary compactor). Density tests were conducted on each lift at a rate of four tests per 1,000 CY with a minimum of four tests per day, if practical. The density tests were conducted by collecting a drive cylinder (ASTM International Method 2937) in accordance with the CQAP/CQCP. A total of 170 moisture content and density analyses were performed on the clean backfill material with an average wet density result of 126.0 pounds per cubic foot (pcf) at an average water content of 7.5%. Table 2 provides a summary of the density and moisture content analyses performed during the placement of the clean backfill material.

4.0 Confirmation Sampling

The extents of the off-site excavation areas were determined by collecting confirmatory sidewall samples. The depth of the off-site excavation areas was determined by visual evidence of sludge in accordance with Field Change Request (FCR) 04, confirmatory excavation floor samples, and a prescribed maximum depth of 4 feet bgs for industrial properties when no sludge is observed.

In accordance with the RAWP and SAP/QAPP, confirmation samples were collected from the off-site excavations at frequency of 1 sample per 25 linear feet of sidewall and 1 sample per 625 square feet of excavation floor. The samples were submitted to a laboratory and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, cyanide, polychlorinated biphenyls (PCBs), pesticides, and total petroleum hydrocarbons (TPH). Table 3 provides a summary of the off-site confirmation sample laboratory results. In addition to laboratory analysis, the samples were analyzed for pH in the field using SW846 Method 9045D to verify the pH was greater than 2.0. Table 4 provides a summary of the pH sample results. The locations of the off-site excavation confirmation samples are shown on Figure 1.

5.0 South Maple Avenue

Seven samples (SMA-SW-01 through SMA-SW-07) were collected along South Maple Avenue to attempt to delineate the extent of potentially impacted soils extending off-site towards South Maple Avenue. The results of five of the samples (SMA-SW-01, SMA-SW-02, SMA-SW-03, SMA-SW-06 and SMA-SW-07) exhibited values for at least one constituent exceeding the Industrial PRGs and/or site-specific cleanup goal for TPH. The horizontal extent of the impacts to the north of SMA-SW-07 will be determined during the potential future demolition of the existing groundwater treatment system. To address potential impacts extending along and under South Maple Avenue, Terradex, Inc. and the local one-call service may be utilized as an institutional control to notify CEMC if any work (i.e., excavation) is planned along South Maple Avenue in front of the Site.

6.0 Obstruction at Test Pit TP-21

During the test pit investigation in June, 2006, one test pit (TP-21) located in the GSM backyard could not be completed because of an obstruction encountered at a depth of approximately 13 feet bgs. During the remedial activities in the GSM backyard and front yard, the area near TP-21 was excavated to a depth of approximately 13 feet bgs to identify the obstruction and document if sludge was present. No evidence of sludge was present in the excavation, and therefore no further excavation was required. The obstruction was identified as hard caliche.

7.0 Deviations from RAWP, SAP/QAPP, and/or CQAP/CQCP.

During the off-site remediation, the procedures and testing requirements listed in the RAWP, SAP/QAPP, CQAP/CQCP, and technical specifications required modifications to adjust for conditions encountered in the field. For each instance a deviation from the quality control procedures was required, a FCR form was completed and submitted to the USEPA for approval. A summary of the FCRs for the off-site remediation are presented below:

A total of six FCRs was submitted and approved that impact the off-site remediation portion of the project. A summary of each of these FCRs is provided below:

FCR-04: FCR-04 modified the RAWP, SAP/QAPP, and CQAP/CQCP to state that visible evidence of sludge and pH of 2 or less, instead of pH less than 5, will be used to determine when all the sludge material has been excavated from the Site. Material with a pH less than 2 would be excavated and neutralized onsite per FCR-04. No off-site samples exhibited a pH of less than 2.0.

FCR-05: FCR-05 allowed the use of Severn Trent Laboratory (STL) facilities in Pittsburgh, PA; Denver, CO; North Canton, OH; or Los Angeles, CA to complete sample testing within the recommended project turnaround time, as needed.

FCR-06: FCR-06 added the use of USEPA Method 8270C PAH (SIM) for benzo(a)pyrene and dibenzo(a,h)anthracene to obtain detection limits lower than the respective industrial PRGs for these constituents.

FCR-07: FCR-07 provided compaction testing requirements for small excavations and test pits in areas not located under the proposed cap footprint. FCR-07 required two compaction tests (at 2 feet and 4 feet below ground surface [bgs]) for excavations deeper than 4 feet bgs, and one compaction test at 2 feet bgs for excavations shallower than 4 feet bgs.

FCR-09: FCR-09 modified the sampling/removal technique for soil located under the Pick-A-Part asphalt parking lot in the vicinity of a failed confirmation soil sample (PAPe-SW-07). This FCR was approved by the USEPA, however was not implemented. The area in question was excavated and new confirmation samples were collected in accordance with the RAWP and SAP/QAPP.

FCR-12: FCR-12 allowed the use of the STL facility in Tacoma, WA to complete sample testing within the recommended project turnaround time, as needed.

8.0 Additional Items to Complete

As of September 28, 2007, a few additional tasks remain to be completed. A summary of the tasks is presented below, and is included in Table 5.

- CEMC is in the process of utilizing Terradex, Inc. and the local one-call service as an institutional control to notify CEMC if any work (i.e., excavation) is planned along South Maple Avenue in front of the Site. Parties planning potential work along South Maple Avenue would be notified by CEMC or the USEPA of the potential for encountering impacted soils during excavation in this area. Once Terradex, Inc. and the one-call service have been setup as institutional controls, the USEPA would be notified by CEMC of planned work in this area.

- *In addition, the 55-gallon drum that was discovered during the GSM building demolition will be* disposed of upon receipt of a temporary USEPA identification number. The USEPA will be notified once the drum has been disposed at the appropriate facility.

Should you have any questions, please contact me at (517) 349-9499, extension 226.

Respectfully,
SECOR International Incorporated

Thomas M. Peet, P.E.
Project Manager

Enclosures:

Figure 1	Off-Site Excavation and Confirmation Sample Location Map
Table 1	Off-Site Excavation Volume Log
Table 2	Off-Site Density Test Log
Table 3	Summary of Off-Site Confirmation Sampling
Table 4	Off-Site pH Sample Log
Table 5	Off-Site Remediation Punch List Items
Attachment A	Asbestos Survey Report
Attachment B	Lead Paint Survey Report

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PARTIALLY SCANNED
OVERSIZE ITEM(S)

See document #***2237834***
for partially scanned image(s).

For complete hardcopy version of the oversize document
contact the Region IX Superfund Records Center

TABLE 1
OFF-SITE EXCAVATION
VOLUME LOG

Week Ending Date	Excavated Soils (yd^3)	Placed Clean Fill (yd^3)
2/16/2007	354	
2/23/2007	632	
3/2/2007	63	
3/9/2007	863	
3/16/2007	10	166
3/23/2007	0	1255
3/30/2007	1288	128
4/6/2007	18	198
4/13/2007	380	82
4/20/2007	0	1505
4/27/2007	0	1172
5/4/2007	0	
5/11/2007	92	181
5/18/2007	0	
5/25/2007	0	
6/1/2007	0	
6/8/2007	0	
6/15/2007	0	
6/22/2007	427	
6/29/2007	0	
7/6/2007	0	
7/13/2007	1866	250
7/20/2007	0	1339
7/27/2007	0	
8/3/2007	0	
8/10/2007	0	
8/17/2007	0	
8/24/2007	0	
8/31/2007	0	
9/7/2007	0	
Project Totals	**5,993**	**6,276**

TABLE 2
OFF-SITE DENSITY TEST LOG

Project Name: Purity Oil Sales Superfund Site Location: Malaga, Ca. Project No: 24CH.67006.02.0003

Reporting Period: 02/13/07 to 07/25/07

Compaction ID	Date	Lift Number	Elevation (ft)	Wet Density (pcf)	Moisture (%)	Dry Density (pcf)	Applicable Proctor Dry Density (pcf)	Applicable Proctor Moisture (%)	Percent Compaction (%)	Pass or Fail	Final Observations	Notes
BRUNO's DENSITY TESTS												
BR-DC-01-01	3/15/07	1	284.7	130.8	7.7%	121.4	126.7	6.5%	95.9%	P		
BR-DC-02-04	3/15/07	4	285.8	131.9	7.5%	122.7	126.7	6.5%	96.8%	P		
BR-DC-03-05	3/16/07	5	286.5	125.4	7.7%	116.4	126.7	6.5%	91.9%	P		
BR-DC-04-06	3/16/07	6	287.2	121.3	7.6%	112.7	126.7	6.5%	89.0%	F		Area re compacted and re tested as BR-DC-04A-06
BR-DC-04A-06	3/19/07	6	287.3	126.1	7.1%	117.7	126.7	6.5%	92.9%	P	Retest For BR-DC-04-06 Lift was recompacted	
BR-DC-05-02	3/22/07	2	284.1	126.7	6.5%	119.0	126.7	6.5%	93.9%	P		
BR-DC-06-04	3/23/07	4	285.1	123.9	7.8%	114.9	126.7	6.5%	90.7%	P		
BR-DC-07-05	3/23/07	5	285.3	122.5	6.7%	114.8	126.7	6.5%	90.6%	P		
BR-DC-08-06	3/23/07	6	287.8	121.8	6.3%	114.6	126.7	6.5%	90.4%	P		
BR-DC-09-07	3/26/07	7	287.1	123.7	5.9%	116.8	126.7	6.5%	92.2%	P		
BR-DC-10-02	3/26/07	2	285.1	122.7	7.2%	114.5	126.7	6.5%	90.3%	P		
BR-DC-11-02	3/26/07	2	285.0	124.6	6.9%	116.6	126.7	6.5%	92.0%	P		
BR-DC-12-05	3/26/07	5	286.9	124.8	7.2%	116.4	126.7	6.5%	91.9%	P		
BR-DC-13-05	3/26/07	5	286.8	127.5	7.1%	119.0	126.7	6.5%	94.0%	P		
BR-DC-14-02	3/27/07	2	285.3	131.1	8.9%	120.4	126.7	6.5%	95.0%	P		
BR-DC-15-04	3/27/07	4	286.6	130.2	8.6%	119.9	126.7	6.5%	94.6%	P		
BR-DC-16-06	4/4/07	6	288.3	135.3	6.4%	127.2	126.7	6.5%	100.4%	P		
BR-DC-17-01	4/4/07	1	284.7	130.0	7.9%	120.5	126.7	6.5%	95.1%	P		
BR-DC-18-03	4/4/07	3	285.7	132.6	12.1%	118.3	126.7	6.5%	93.4%	F	Failed due to moisture content exceeding 3.0% of 6.5% optimum	Area re-compacted and re tested as BR-DC-18A-03
BR-DC-18A-03	4/4/07	3	285.9	133.0	9.1%	121.9	126.7	6.5%	96.2%	P	Retest For BR-DC-18A-03 Lift was recompacted	
BR-DC-19-05	4/4/07	5	286.9	123.3	7.4%	114.8	126.7	6.5%	90.6%	P		
BR-DC-20-07	4/4/07	7	288.5	126.3	7.8%	117.2	126.7	6.5%	92.5%	P		
BR-DC-21-04	7/25/07	4	288.5	123.4	7.6%	114.7	122.7	9.2%	93.5%	P		
BR-DC-22-05	7/25/07	5	286.0	124.2	8.0%	115.0	122.7	9.2%	93.7%	P		
BR-TP01-DC-01-01	3/14/07	1	284.3	133.2	7.6%	123.8	126.7	6.5%	97.7%	P		
BR-TP01-DC-02-03	3/14/07	3	285.8	127.3	7.1%	118.9	126.7	6.5%	93.8%	P		
BR-TP02-DC-01-01	3/14/07	1	283.0	126.3	7.2%	117.8	126.7	6.5%	93.0%	P		
BR-TP02-DC-02-04	3/14/07	4	285.1	129.4	6.9%	121.0	126.7	6.5%	95.5%	P		
BR-TP03-DC-01-01	3/22/07	1	282.7	128.8	7.6%	119.7	126.7	6.5%	94.5%	P		
BR-TP04-DC-01-01	3/27/07	1	283.5	126.9	8.8%	116.6	126.7	6.5%	92.1%	P		
GOLDEN STATE MARKET BACK YARD DENSITY TESTS												
GSMb-DC-01-01	4/3/07	1	285.9	124.7	6.7%	116.9	126.7	6.5%	92.2%	P		
GSMb-DC-02-02	4/3/07	2	286.6	123.4	6.8%	115.5	126.7	6.5%	91.2%	P		
GSMb-DC-03-03	4/3/07	3	287.1	126.3	8.7%	116.2	126.7	6.5%	91.7%	P		
GSMb-DC-04-04	4/3/07	4	287.6	122.4	5.3%	116.2	126.7	6.5%	91.7%	P		
GSMb-DC-05-05	4/3/07	5	287.9	130.3	6.2%	122.7	126.7	6.5%	96.8%	P		
GSMb-DC-06-06	4/3/07	6	288.7	124.3	6.8%	116.4	126.7	6.5%	91.9%	P		
GSMb-DC-07-03	4/19/07	3	283.6	126.9	6.5%	119.2	126.7	6.5%	94.0%	P		
GSMb-DC-08-05	4/20/07	5	285.0	124.8	6.7%	117.0	126.7	6.5%	92.3%	P		
GSMb-DC-09-07	4/20/07	7	286.3	121.0	7.1%	113.0	126.7	6.5%	89.2%	F		Area re-compacted and re tested as GSMb-DC-09A-07
GSMb-DC-09A-07	4/23/07	7	286.4	124.5	9.1%	114.1	126.7	6.5%	90.1%	P		
GSMb-DC-10-08	4/23/07	8	286.9	131.9	9.5%	120.5	126.7	6.5%	95.1%	P		
GSMb-DC-11-10	4/23/07	10	288.1	122.5	6.5%	115.0	126.7	6.5%	90.8%	P		
GSMb-DC-12-11	4/24/07	11	288.8	119.7	6.4%	112.5	126.7	6.5%	88.8%	F		Area re-compacted and re-tested as GSMb-DC-12A-11
GSMb-DC-12A-11	4/24/07	11	288.7	121.8	6.4%	114.5	126.7	6.5%	90.4%	P	Retest For GSMb-DC-12-11	
GSMb-DC-13-02	4/24/07	2	286.6	123.0	5.7%	116.4	126.7	6.5%	91.8%	P		
GSMb-DC-14-12	4/24/07	12	289.3	117.3	6.3%	110.3	126.7	6.5%	87.1%	F	Approximated Location. Survey incomplete	Area re-compacted and re-tested as GSMb-DC-14A-12

Note: Samples collected as subsequent samples for a failed sample are labelled as A, B, etc. (ex. Retest for BR-DC-04-06 is BR-DC-04A-06)

TABLE 2
OFF-SITE DENSITY TEST LOG

Project Name: Purity Oil Sales Superfund Site Location: Malaga, Ca. Project No: 24CH.67006.02.0003

Reporting Period: 02/13/07 to 07/25/07

Compaction ID	Date	Lift Number	Elevation (ft)	Wet Density (pcf)	Moisture (%)	Dry Density (pcf)	Applicable Proctor Dry Density (pcf)	Applicable Proctor Moisture (%)	Percent Compaction (%)	Pass or Fail	Final Observations	Notes
GSMb-SC-01-12	4/24/07	12	289 3	118 2	6 3%	111.2	126 7	6 5%	87.8%	F	Sand Cone field verification density compared with test GSMb-DC-14-12	
GSMb-DC-14A-12	4/24/07	12	289 3	121 9	5 8%	115.2	126 7	6 5%	90 9%	P	Retest For GSMb-DC 14 12	
GSMb-DC-15-14	4/25/07	14	290 2	131 4	8 5%	121.1	126 7	6 5%	95 6%	P		
GSMb-DC-16-07	4/25/07	7	289 1	120 6	7.0%	112 7	126 7	6 5%	89 0%	F		Area re-compacted and re-tested as GSMb-DC-16A-07
GSMb-DC-16A-07	4/25/07	7	289 1	120 7	6.5%	113 3	126 7	6 5%	89 5%	F	Retest For GSMb-DC-16-07	Added water and recompacted *Approximated Location Survey incomplete*
GSMb-DC-16B-07	4/25/07	7	*289 1*	126 6	6 8%	118 5	126.7	6 5%	93 6%	P	Retest For GSMb-DC 16A 07	
GSMb-DC-17-16	4/25/07	16	286 6	123 6	7.9%	114 6	126 7	6 5%	90 4%	P	*Approximated Location Survey incomplete*	
GSMb-TP01-DC-01-01	4/2/07	1	283 9	124 0	8 6%	114 2	126 7	6 5%	90 1%	P		
GSMb-TP02-DC-01-01	4/2/07	1	285 0	130.1	7.1%	121.5	126 7	6 5%	95.9%	P		
GSMb-TP03-DC-01-01	4/19/07	1	281 4	128 1	7.6%	119 1	126 7	6 5%	94 0%	P		
GSMb-TP04-DC-01-01	4/19/07	1	284 5	135 4	7.9%	125.5	126 7	6 5%	99 0%	P		
TP21-DC-01-01	7/17/07	1	286 0	128 1	9 8%	116 6	122 7	9 2%	95 1%	P		
GOLDEN STATE MARKET FRONT YARD DENSITY TESTS												
GSMf-DC-01-01	6/29/07	1	287 1	121 6	6 5%	114 2	126 7	6 5%	90 1%	P		
GSMf-DC-02-02	6/29/07	2	*287 6*	129 1	9 3%	118.1	122 7	9 2%	96 3%	P		
GSMf-DC-03-05	6/29/07	5	289 5	118 2	5 8%	111.7	126 7	6 5%	88 2%	F	Dry of optimum moisture	Area re-compacted and re tested as GSMf-DC 03A 05
GSMf-DC-03A-05	6/29/07	5	289 6	121 5	5 8%	114 8	126 7	6 5%	90 6%	P	Added water and re rolled	Retest for GSMf DC 03 05
GSMf-DC-04-01	7/13/07	1	287.1	120 4	6 1%	113 5	122 7	9 2%	92.5%	F	Dry of Optimum, will need to add water and recompact	
GSMf-DC-04A-01	7/16/07	1	287 2	121 0	6 6%	113 5	122.7	9 2%	92.5%	P	Retest for GSMf-DC-04 01	
GSMf-DC-05-01	7/13/07	1	287.2	116 5	6 9%	109 0	122.7	9 2%	88 8%	F	Test sample appeared optimum will need to recompact	Retested as GFMf-DC 05A-01
GSMf-DC-05A-01	7/16/07	1	287.1	*122 7*	*8 8%*	112 8	122.7	9 2%	91 9%	P	*Retest for GSMf-DC 05-01*	
GSMf-DC-06-02	7/17/07	2	288 1	117.6	5 4%	111 5	122.7	9 2%	90 9%	F	To dry, test sample was crumbly	Retested as GFMf-DC 06A-02
GSMf-DC-06A-02	7/17/07	2	288.0	121 5	6 8%	113 7	122.7	9 2%	92 7%	P	Retest for GSMf-DC 06-02	
GSMf-DC-07-02	7/17/07	2	288 0	124 2	8 5%	114 4	122.7	9 2%	93 3%	P		
GSMf-DC-08-03	7/17/07	3	289 0	131 4	9 5%	120 0	122.7	9 2%	97 8%	P		
GSMf-DC-09-03	7/17/07	3	289 0	127 6	10 2%	115 8	122.7	9 2%	94 4%	P	Not surveyed, lift was failed due to excessive pumping in center, density test was excavated	
GSMf-DC-10-03	7/18/07	3	288 7	133 9	9 2%	122 7	122.7	9 2%	100 0%	P	Density test performed in portion of lift that was ripped up and recompacted due to excessive water and pumping	
GSMf-DC-11-04	7/18/07	4	289 2	130 9	9 6%	119 5	122.7	9 2%	97 4%	P		
GSMf-DC-12-04	7/18/07	4	289 2	130 6	10 0%	118 7	122.7	9 2%	96 8%	P		
GSMf-SC-01-04	7/18/07	4	289 3	125 6	8 9%	115 3	122.7	9 2%	94 0%	P	Sandcone field verification moisture/density analysis with test GSMf-DC-12-04	
GSMf-DC-13-05	7/18/07	5	289 7	120 9	8 8%	111.1	122.7	9 2%	90 5%	P	Approximated elevation	
GSMf-DC-14-05	7/18/07	5	289 8	131 1	8 6%	120.7	122 7	9 2%	98 4%	P	Approximated elevation	
GSMf-DC-15-06	7/18/07	6	290 7	126 7	*9.5%*	*115 8*	122 7	9 2%	94 4%	P		
GSMf-DC-16-06	7/19/07	6	290 7	122.7	7.0%	114 7	122.7	9 2%	93 4%	P		
GSMf-DC-17-07	7/19/07	7	NA	131 8	8 1%	121 9	122.7	9 2%	99 4%	P	Thin lift at surface, to be surveyed	
PICK-A-PART DENSITY TESTS												
PAPe-DC-01-01	4/13/07	1	287 0	122 7	6 5%	115.2	126 7	6 5%	90 9%	P		
PAPe-DC-02-02	4/16/07	2	*287 6*	120.7	7 0%	112.8	126.7	6 5%	89 0%	F	Test performed on south edge shear wall where *sheeps-foot compactor could not reach. Survey data currupted, location approximated*	Area re-compacted and re-tested as PAPe-DC-02A 02
PAPe-DC-02A-02	4/16/07	2	*287 5*	119 5	6 0%	112.7	126 7	6 5%	*89 0%*	F	Test performed on south edge shear wall where *sheeps-foot compactor could not reach. Survey data currupted, location approximated. Retest to*	Area re-compacted and re tested as PAPe DC 02B-02
PAPe-DC-02B-02	4/16/07	2	*287.6*	126 4	6 5%	118 7	126 7	6 5%	93 7%	P	Trench roller used to achieve satisfactory compaction results at edge/shear wall where compactor could not reach *Survey data currupted, location approximated*	Retest of PAP 2B-02
PAPe-DC-03-03	4/16/07	3	*288 3*	125 2	7 0%	117.0	126.7	6 5%	92 4%	P	*Survey data currupted, location approximated*	
PAPe-DC-04-04	4/17/07	4	*289.2*	123 6	6 5%	116.1	126 7	6 5%	91.6%	P	*Survey data currupted, location approximated*	
PAPe-DC-05-05	4/17/07	5	*289 9*	116 5	6 5%	109 4	126 7	6 5%	86 3%	F	*Survey data currupted, location approximated*	Area re-compacted and re tested as PAPe-DC-05A-05
PAPe-DC-05A-05	4/17/07	5	*289.8*	122 4	6 6%	114 8	126 7	6 5%	90 6%	P	*Survey data currupted, location approximated*	
PAPe-DC-06-06	4/18/07	6	290 7	124 5	7.1%	116.2	126 7	6.5%	91.7%	P		
PAPe-DC-07-01	4/18/07	1	286 4	124 7	7 6%	115 9	126 7	6 5%	91.5%	P		
PAPe-DC-08-02	4/18/07	2	287.2	125 5	6 5%	117 8	126 7	6 5%	93 0%	P		
PAPe-DC-09-03	4/19/07	3	287.5	126 8	6 6%	118 9	126.7	6 5%	93 9%	P		

Note: Samples collected as subsequent samples for a failed sample are labelled as A, B, etc. (ex. Retest for BR-DC-04-06 is BR-DC-04A-06)

TABLE 2
OFF-SITE DENSITY TEST LOG

Project Name: Purity Oil Sales Superfund Site Location: Malaga, Ca. Project No: 24CH.67006.02.0003

Reporting Period: 02/13/07 to 07/25/07

Compaction ID	Date	Lift Number	Elevation (ft)	Wet Density (pcf)	Moisture (%)	Dry Density (pcf)	Applicable Proctor Dry Density (pcf)	Applicable Proctor Moisture (%)	Percent Compaction (%)	Pass or Fail	Final Observations	Notes
PAPe-DC-10-04	4/19/07	4	288 1	123 4	7 1%	115 2	126 7	6 5%	90 9%	P		
PAPe-DC-11-05	4/20/07	5	288 8	127.2	8 2%	117.6	126 7	6 5%	92 8%	P		
PAPe-DC-12-07	4/23/07	7	290 3	122 1	8 3%	112.7	126 7	6 5%	89 0%	F		Area re-compacted and re-tested as PAPe-DC-12A-07
PAPe-DC-12A-07	4/23/07	7	290.3	129 1	8 7%	118 8	126 7	6 5%	93 7%	P	Recompacted Retest for PAPe-DC-12-07	
PAPe-DC-13-01	4/25/07	1	288 4	128 8	7 2%	120 1	126 7	6 5%	94 8%	P		
PAPe-DC-14-02	4/25/07	2	289 3	120 1	5 9%	113 4	126 7	6 5%	89 5%	F		Area re-compacted and re-tested as PAPe-DC-14A-02
PAPe-DC-14A-02	4/25/07	2	289 7	131 4	8 6%	121 0	126 7	6 5%	95 5%	P	Added water and recompacted Retest for PAPe-DC-14-02	
PAPe-DC-15-03	4/26/07	3	289 9	127 8	6 8%	119 7	126.7	6 5%	94 4%	P		
PAPe-DC-16-01	5/31/07	1	288 7	118 8	6 7%	111 3	126 7	6 5%	87.9%	F		Area re-compacted and re-tested as PAPe-DC-16A-01
PAPe-DC-16A-01	5/31/07	1	289 0	124 2	7.9%	115 1	126 7	6 5%	90 8%	P	Retest for PAPe-DC 16-01	
PAPe-DC-17-02	5/31/07	2	289 4	126 0	8 7%	115 9	126 7	6 5%	91.5%	P		
PAPe-DC-18-03	5/31/07	3	290 5	123 1	7 6%	114 4	126 7	6 5%	90 3%	P		
PAPe-DC-19-01	6/8/07	1	289 5	123 9	6 6%	116 2	126 7	6 5%	91.7%	P		
PAPe-DC-20-02	6/8/07	2	290 1	125 5	6 7%	117.6	126 7	6 5	92.8%	P		
PAPe-DC-21-03	6/8/07	3	290 6	124 9	7 0%	116 7	126 7	6.5	92 1%	P		
PAPe-DC-22-01	6/21/07	1	286 0	113 8	5 5%	107.9	126 7	6 5%	85 1%	F		Area re-compacted and re-tested as PAPe-DC-22A-01
PAPe-DC-22A-01	6/21/07	1	285 9	124 5	7.7%	115 6	126 7	6 5%	91.2%	P	Retest for PAPe-DC 22-01	
PAPe-DC-23-05	6/22/07	5	288 2	123 0	8 0%	113 9	122 7	9 2%	92 8%	P		
PAPe-DC-24-07	6/22/07	7	289 7	122.0	6 0%	115 1	122 7	9 2%	93 8%	P		
PAPe-TP01-DC-01-01	4/13/07	1	280 9	131.4	7 4%	122.3	126 7	6 5%	96 6%	P		
PAPw-DC-01-01	4/23/07	1	286 8	127.5	6 5%	119 7	126 7	6 5%	94 5%	P		
PAPw-DC-02-02	4/23/07	2	286 5	127.8	5 6%	121.0	126 7	6 5%	95 5%	P		
PAPw-DC-03-03	4/24/07	3	287 1	125 4	7 4%	116 8	126 7	6 5%	92 2%	P		
PAPw-DC-04-05	4/24/07	5	288 2	130 0	8 1%	120 3	126 7	6 5%	94 9%	P		
PAPw-DC-05-04	4/24/07	4	287 3	130 9	8 1%	121 1	126 7	6 5%	95 6%	P		
PAPw-DC-06-06	4/24/07	6	288 2	134 4	7 8%	124 7	126 7	6 5%	98 4%	P		
PAPw-TP01-DC-01-01	4/6/07	1	284 5	120 3	6 6%	112 9	126 7	6 5%	89 1%	F		Area re-compacted and re-tested as PAPw-TP01-01A-01
PAPw-TP01-DC-01A-01	4/6/07	1	285 0	123 3	6 0%	116 3	126 7	6 5%	91.8%	P		
TALL TREE's DENSITY TESTS												
TT-DC-01-01	3/5/07	1	284 1	132.4	8 7%	121.8	126 7	6 5%	96 1%	P		
TT-DC-02-02	3/5/07	2	285 6	133 8	8.6%	123 2	126 7	6 5%	97.2%	P		
TT-DC-03-03	3/6/07	3	286 5	134 1	9 0%	123 0	126 7	6 5%	97.1%	P		
TT-DC-04-04	3/16/07	4	287 2	125 2	7 9%	116 0	126 7	6 5%	91 6%	P		
TT-DC-05-05	3/19/07	5	287 8	121.9	6 9%	114 0	126 7	6 5%	90 0%	P		
TT-DC-06-06	3/19/07	6	288 5	126 4	7 4%	117.7	126 7	6 5%	92 9%	P		
TT-DC-07-07	3/19/07	7	289 2	128 4	7 5%	119 4	126 7	6 5%	94 3%	P		
TT-DC-08-05	3/19/07	5	288 6	128 8	7 6%	119 7	126 7	6 5%	94 5%	P		
TT-DC-09-02	3/20/07	2	285 3	123.1	7 5%	114 5	126 7	6 5%	90 4%	P		
TT-DC-10-01	3/20/07	1	286 6	128 8	6 2%	121 3	126 7	6 5%	95 7%	P		
TT-DC-11-02	3/21/07	2	286 5	132 4	9 0%	121 5	126 7	6 5%	95 9%	P		
TT-DC-12-04	3/21/07	4	287 0	127.9	6 5%	120 1	126 7	6 5%	94.8%	P		
TT-DC-13-03	3/21/07	3	287 5	124.9	7 5%	116 2	126 7	6 5%	91 7%	P		
TT-DC-14-04	3/21/07	4	288 1	127.4	7.7%	118 3	126 7	6 5%	93 4%	P		
TT-DC-15-05	3/22/07	5	289 0	124.9	7.2%	116 5	126.7	6 5%	92.0%	P		
TT-DC-16-06	3/22/07	6	289 1	121.3	7 8%	112.5	126 7	6 5%	88 8%	F		Area re compacted and re tested as TT-DC-16A-06
TT-DC-16A-06	3/22/07	6	289 0	125 4	7.5%	116 7	126 7	6 5%	92 1%	P	Retest for TT DC 16 06 Lift was recompacted	
TT-TP01-DC-01-01	2/13/07	1	285 1	122.7	8 9%	112 7	126 7	6.5%	88 9%	F	Lift was pounded in and will need to be rolled	Area re-compacted and re tested as TT-TP01-DC-01A-01
TT-TP01-DC-01A-01	3/1/07	1	285 3	132.7	8 5%	122 3	126.7	6 5%	96.5%	P	Lift was rolled	

Note: Samples collected as subsequent samples for a failed sample are labelled as A, B, etc. (ex. Retest for BR-DC-04-06 is BR-DC-04A-06)

TABLE 2
OFF-SITE DENSITY TEST LOG

Project Name: Purity Oil Sales Superfund Site Location: Malaga, Ca. Project No: 24CH.67006.02.0003

Reporting Period: 02/13/07 to 07/25/07

Compaction ID	Date	Lift Number	Elevation (ft)	Wet Density (pcf)	Moisture (%)	Dry Density (pcf)	Applicable Proctor Dry Density (pcf)	Applicable Proctor Moisture (%)	Percent Compaction (%)	Pass or Fail	Final Observations	Notes
TT-TP01-DC-02-02	3/1/07	2	285.4	132.1	8.4%	121.9	126.7	6.5%	96.2%	P		
TT-TP02-DC-01-01	2/14/07	1	285.9	128.8	8.2%	119.0	126.7	6.5%	94.0%	P		
TT-TP02-DC-02-02	3/1/07	2	286.3	127.3	7.5%	118.4	126.7	6.5%	93.5%	P		
TT-TP02-DC-03-03	3/21/07	3	287.4	125.9	7.7%	116.9	126.7	6.5%	92.3%	P		
TT-TP03-DC-01-01	3/1/07	1	283.2	118.9	7.3%	110.8	126.7	6.5%	87.5%	F	Lift was pounded in and will need to be rolled	Area re-compacted and re-tested as TT-TP03-DC-01A-01
TT-TP03-DC-01A-01	3/2/07	1	283.3	129.4	6.1%	122.0	126.7	6.5%	96.3%	P	Lift was rolled, Retest for TT-TP-03-DC-01-01	
TT-TP03-DC-02-02	3/2/07	2	284.1	125.4	7.2%	117.0	126.7	6.5%	92.3%	P		
TT-TP04-DC-01-01	2/14/07	1	286.2	126.3	8.0%	116.9	126.7	6.5%	92.3%	P		
TT-TP04-DC-02-02	3/1/07	2	286.5	125.2	8.3%	115.6	126.7	6.5%	91.2%	P		
TT-TP04-DC-03-03	3/2/07	3	287.0	128.2	8.7%	117.9	126.7	6.5%	93.1%	P		
TT-TP04-DC-04-04	3/2/07	4	287.5	131.2	9.1%	120.3	126.7	6.5%	94.9%	P		
TT-TP04-DC-05-05	3/2/07	5	288.3	126.7	7.1%	118.3	126.7	6.5%	93.4%	P		
TT-TP04-DC-06-06	3/2/07	6	288.6	126.7	7.0%	118.4	126.7	6.5%	93.5%	P		
TT-TP04-DC-07-07	3/2/07	7	290.0	125.0	7.3%	116.5	126.7	6.5%	91.9%	P		
TT-TP05-DC-01-01	2/15/07	1	286.4	120.9	8.0%	111.9	126.7	6.5%	88.4%	F	Lift was pounded in and will need to be rolled	Area re-compacted and re-tested as TT-TP05-DC-01A-01
TT-TP05-DC-01A-01	3/1/07	1	286.3	132.0	8.0%	122.2	126.7	6.5%	96.5%	P	Lift was rolled. Retest for TT-TP-05-DC-01-01	
TT-TP05-DC-02-02	3/1/07	2	286.7	114.1	7.8%	105.8	126.7	6.5%	83.5%	F	Lift was pounded in and will need to be rolled	Area re-compacted and re-tested as TT-TP05-DC-02A-02
TT-TP05-DC-02A-02	3/2/07	2	286.4	132.1	8.7%	121.5	126.7	6.5%	95.9%	P	Lift was rolled. Retest for TT-TP-05-DC-02-02	
TT-TP05-DC-03-03	3/2/07	3	287.4	129.6	7.8%	120.2	126.7	6.5%	94.9%	P		
TT-TP05-DC-04-04	3/2/07	4	288.0	132.4	8.6%	121.9	126.7	6.5%	96.2%	P		
TT-TP05-DC-05-05	3/2/07	5	288.8	129.1	7.6%	120.0	126.7	6.5%	94.7%	P		
TT-TP05-DC-06-06	3/2/07	6	290.1	127.0	6.9%	118.8	126.7	6.5%	93.8%	P		
TT-TP06-DC-01-08	3/16/07	8	285.6	131.9	7.4%	122.8	126.7	6.5%	96.9%	P		
TT-TP07-DC-01-01	3/19/07	1	282.1	125.4	7.8%	116.3	126.7	6.5%	91.8%	P		
TT-TP07-DC-02-07	3/19/07	7	285.3	126.6	7.1%	118.2	126.7	6.5%	93.3%	P		
TT-TP08-DC-01-08	3/20/07	8	285.3	126.0	7.2%	117.5	126.7	6.5%	92.8%	P		
TT-TP09-DC-01-01	3/16/07	1	282.9	132.7	7.8%	123.1	126.7	6.5%	97.2%	P		
SOUTH MAPLE AVENUE DENSITY TESTS												
SMA-DC-01-01	5/9/07	1	288.5	123.4	7.8%	114.5	122.7	9.2%	93.3%	P		
SMA-DC-02-02	5/9/07	2	289.3	125.5	9.5%	114.6	122.7	9.2%	93.4%	P		
SMA-DC-03-03	5/10/07	3	289.9	133.2	9.5%	121.6	122.7	9.2%	99.1%	P		
SMA-DC-04-04	5/10/07	4	290.5	133.8	8.4%	123.4	126.7	6.5%	97.4%	P		
MIN	--	--	--	**113.8**	**5.3%**	**105.8**	--	--	**83.5%**	--		
MAX	--	--	--	**135.4**	**12.1%**	**127.2**	--	--	**100.4%**	--		
AVERAGE	--	--	--	**126.0**	**7.5%**	**117.2**	--	--	**93.0%**	--		

MOISTURE/DENSITY ANALYSIS QUANTITIES

Clean Backfill Moisture/Density Analyses: 170 Moisture/Density Analyses Failures: 25

Pass Rate (%): 85.3%

Note: Samples collected as subsequent samples for a failed sample are labelled as A, B, etc. (ex. Retest for BR-DC-04-06 is BR-DC-04A-06)

TABLE 3
SUMMARY OF OFF-SITE CONFIRMATION SAMPLING
Purity Oil Sales Superfund Site
(all units = mg/kg)

Sample ID	Sample Date	Type of Sample	METALS*	CYANIDE	VOC	SVOC	PAH (SIM)	PCB	PESTICIDE	TPH	NOTES
BR-EF-01	2/14/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-EF-02	2/14/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-EF-03	2/20/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	10,000	Resolved: Floor Sample > 4' bgs**
BR-EF-04	2/20/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-EF-05	3/7/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-EF-06	3/7/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-EF-07	3/20/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-EF-08	6/22/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-EF-09	6/22/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-EFD-09	6/22/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-01	2/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-02	2/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-03	2/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-04	2/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-05	2/14/07	Sidewall	Ok	Ok	Ok	MRL > PRG benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Ok	MRL > PRG Dieldrin	Ok	Area excavated, resampled as BR-SW-05A
BR-SW-05A	3/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Resample of BR-SW-05
BR-SW-06	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-07	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Aroclor 1254 = 0.98	Ok	Ok	Area excavated during BR-SW-05 excavation
BR-SW-08	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-09	2/20/07	Sidewall	Ok	Ok	Ok	MRL > PRG benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Ok	Ok	Ok	USEPA agreed during 5/2/07 discussion that no further excavation was required because TPH < 10,000 mg/kg & the additional on-site excavation will be conducted
BR-SW-10	2/20/07	Sidewall	Ok	Ok	Ok	MRL > PRG benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Ok	Ok	Ok	USEPA agreed during 5/2/07 discussion that no further excavation was required because TPH < 10,000 mg/kg.
BR-SW-11	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-12	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-13	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-14	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-15	3/7/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-16	3/8/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-17	3/8/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-18	3/7/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-19	6/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-20	6/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-21	6/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-22	6/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-23	6/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-24	7/24/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SW-25	7/24/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SWD-10	2/20/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SWD-18	3/7/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SWMS-24	7/24/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
BR-SWMSD-24	7/24/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMb-EF-01	3/29/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMb-EF-02	3/29/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMb-EF-03	4/3/07	Floor	Ok	Ok	Ok	MRL > PRG 2-Methylnaphthalene Acenaphthylene benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Ok	MRL > PRG Dieldrin	35,000	Resolved: Floor Sample > 4' bgs**
GSMb-EF-04	4/3/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	

Note: Samples that were collected to replace failed samples are indicated by using a letter (A, B, etc). (ex. BR-SW-05A repalces BR-SW-05)

TABLE 3
SUMMARY OF OFF-SITE CONFIRMATION SAMPLING
Purity Oil Sales Superfund Site
(all units = mg/kg)

Sample ID	Sample Date	Type of Sample	METALS*	CYANIDE	VOC	SVOC	PAH (SIM)	PCB	PESTICIDE	TPH	NOTES
GSMb-EF-05	4/5/07	Floor	Ok	Ok	MRL > PRG TCE	2-Methylnaphthalene = 19 MRL > PRG Acenaphthylene benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	MRLs > PRGs	MRL > PRG Dieldrin	70,000	Resolved: Floor Sample > 4' bgs**
GSMb-EF-06	4/5/07	Floor	Ok	Ok	TCE = 0.12	MRL > PRG 2-Methylnaphthalene Acenaphthylene benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	MRLs > PRGs	MRL > PRG Dieldrin	24,000	Resolved: Floor Sample > 4' bgs**
GSMb-EFD-01	3/29/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMb-SW-01	3/29/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMb-SW-02	3/29/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMb-SW-03	3/29/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMb-SW-04	3/29/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMb-SW-05	4/5/07	Floor	Ok	Ok	Ok	MRL > PRG 2-Methylnaphthalene Acenaphthylene benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	MRLs > PRGs	MRL > PRG Dieldrin	70,000	Resolved: Sample collected from excavation floor > 4' bgs
GSMb-SW-06	4/5/07	Floor	Ok	Ok	TCE = 1.3	2-Methylnaphthalene = 6.1 MRL > PRG Acenaphthylene benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	MRLs > PRGs	MRL > PRG Dieldrin	24,000	Resolved. Sample collected from excavation floor > 4' bgs**
GSMf-EF-01	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-02	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-03	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-04	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	58,000	Resolved: Sample collected from excavation floor > 4' bgs**
GSMf-EF-05	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-06	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-07	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-08	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-09	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-10	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-11	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	33,700	Resolved: Sample collected from excavation floor > 4' bgs**
GSMf-EF-12	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-13	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	63,000	Resolved: Sample collected from excavation floor > 4' bgs**
GSMf-EF-13	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-13	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-13	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-13	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-13	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-13	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-14	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	37,000	Resolved: Sample collected from excavation floor > 4' bgs**
GSMf-EF-15	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EF-16	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	

Note: Samples that were collected to replace failed samples are indicated by using a letter (A, B, etc). (ex. BR-SW-05A repalces BR-SW-05)

TABLE 3
SUMMARY OF OFF-SITE CONFIRMATION SAMPLING
Purity Oil Sales Superfund Site
(all units = mg/kg)

Sample ID	Sample Date	Type of Sample	METALS*	CYANIDE	VOC	SVOC	PAH (SIM)	PCB	PESTICIDE	TPH	NOTES
GSMf-EF-17	7/16/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EFD-12	7/16/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-EFD-17	7/16/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMF-SB-01-0.5	2/12/07	Boring	Ok	Ok	Ok	MRL > PRG Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Ok	Ok	43,100	Area excavated and backfilled with clean material. Replaced by GSMf-EF-12
GSMF-SB-01-1.25	2/12/07	Boring	Ok	Ok	Ok	MRL > PRG 2-Methylnaphthalene Acenaphthylene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Ok	Ok	22,900	Area excavated and backfilled with clean material. Replaced by GSMf-EF-12
GSMF-SB-02-2.2	2/13/07	Boring	Lead = 6100	Ok	Ok	2-Methylnaphthalene = 30 MRL > PRG Acenaphthylene benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Ok	MRL > PRG Aldrin Dieldrin	50,000	Area excavated and backfilled with clean material. Replaced by GSMf-EF-07
GSMF-SB-03-1.5	2/12/07	Boring	Lead = 1130	Ok	Ok	MRL > PRG 2-Methylnaphthalene Acenaphthylene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Ok	Ok	Ok	Area excavated and backfilled with clean material. Replaced by GSMf-EF-06
GSMF-SB-03-6	2/12/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMF-SB-04-1.5	2/13/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMF-SB-05-6.25	2/13/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMF-SB-06-2	2/13/07	Boring	Ok	Ok	TCE=0 14	MRL > PRG Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Ok	Ok	27,800	Area excavated and backfilled with clean material. Replaced by GSMf-EF-10
GSMF-SB-06-6 3	2/13/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMF-SB-07-1	2/13/07	Boring	Ok	Ok	Ok	MRL > PRG Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Ok	Ok	Ok	Area excavated and backfilled with clean material. Replaced by GSMf-EF-08
GSMF-SB-08-1.5	2/13/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMF-SB-09-1 5	2/13/07	Boring	Ok	Ok	Ok	MRL > PRG Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Ok	Ok	Ok	Area excavated and backfilled with clean material during UST Removal activities.
GSMF-SB-10-1.5	2/13/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMF-SB-11 1.5	2/13/07	Boring	Lead=3380	Ok	Ok	MRL > PRG 2-Methylnaphthalene Acenaphthylene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Ok	Ok	17,600	Area excavated and backfilled with clean material. Replaced by GSMf-EF-08
GSMF-SB-12-1	2/13/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SW-01	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SW-02	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SW-03	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SW-04	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SW-05	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SW-06	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SW-07	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	

Note: Samples that were collected to replace failed samples are indicated by using a letter (A, B, etc). (ex. BR-SW-05A repalces BR-SW-05)

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Purity Oil Sales Superfund Site
(all units = mg/kg)

Sample ID	Sample Date	Type of Sample	METALS*	CYANIDE	VOC	SVOC	PAH (SIM)	PCB	PESTICIDE	TPH	NOTES
GSMf-SW-08	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SW-09	7/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
GSMf-SWD-04	7/12/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-EF-01	4/12/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-EF-02	4/12/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-EF-03	4/12/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	MRL > PRG Aldrin Dieldrin	Ok	Resolved: Floor Sample > 4' bgs**
PAPE-EF-04	4/12/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-EF-05	4/12/07	Floor	Ok	Ok	Ok	Ok	Ok	Aroclor 1260 = 1.0	MRL > PRG Dieldrin	18,000	Resolved: Floor Sample > 4' bgs**
PAPE-EF-06	4/12/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-EF-07	4/12/07	Floor	Ok	Ok	Ok	Ok		Aroclor 1260 = 1.3	MRL > PRG Dieldrin	10,000	Resolved: Floor Sample > 4' bgs**
PAPE-EF-08	6/19/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Replaces PAPE-SW-07
PAPe-EF-09a	5/31/07	Floor	Ok	Ok	Ok	MRL > PRG Benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Ok	Ok	Ok	Resolved: Floor Sample > 4' bgs**
PAPE-EFD-01	4/12/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-EFD-05	4/12/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Aroclor 1260 = 1.1	MRL > PRG Dieldrin	19,000	Resolved: Floor Sample > 4' bgs**
PAPE-SB-01-3.5	2/28/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-02-2	2/28/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-03-2.5	2/28/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-04-4.3	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-05-1.5	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-06-3.5	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-07-1	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-08-4	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-09-2.5	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-10-2	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-11-1.5	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-12-2.5	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-13-2.5	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-14-3.5	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SB-15-4	3/1/07	Boring	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SBD-1.5	3/1/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SW-01	3/1/07	Sidewall	Ok	Ok	Ok	MRL > PRG Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Ok	Ok	Ok	Area excavated and re-sampled as PAPE-SW-09
PAPE-SW-02	3/1/07	Sidewall	Lead=7740	Ok	Ok	MRL > PRG 2-Methylnaphthalene Acenaphthylene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Aroclor 1260 = 1.8	Dieldrin=1.6	Ok	Area excavated, resampled as PAPE-SW-02A
PAPE-SW-02A	4/3/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Resample of PAPE-SW-02
PAPE-SW-03	3/1/07	Sidewall	Lead=2340	Ok	Ok	MRL > PRG Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	MRLs > PRGs	Dieldrin=1.1 MRL > PRG Aldrin	Ok	Area excavated, resampled as PAPE-SW-03A
PAPE-SW-03A	4/3/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Resample of PAPE-SW-03
PAPE-SW-04	3/1/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SW-05	3/1/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SW-06	3/1/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SW-07	4/12/07	Sidewall	Lead=926	Ok	Ok	Ok	Ok	Ok	MRL > PRG Dieldrin	Ok	Area excavated, resampled as PAPE-SW-07A, PAPE-SW-07B and PAPE-EF-08
PAPE-SW-07A	6/19/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Replaces PAPE-SW-07
PAPE-SW-07B	6/19/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Replaces PAPE-SW-07
PAPE-SW-08	4/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	

Note: Samples that were collected to replace failed samples are indicated by using a letter (A, B, etc). (ex. BR-SW-05A repalces BR-SW-05)

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Purity Oil Sales Superfund Site
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Sample ID	Sample Date	Type of Sample	METALS*	CYANIDE	VOC	SVOC	PAH (SIM)	PCB	PESTICIDE	TPH	NOTES
PAPE-SW-09	4/12/07	Sidewall	Lead=2205	Ok	Ok	MRL > PRG Benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene	MRL > PRG	Aroclor 1260 = 2.7 MRLs > PRGs	MRL > PRG Aldrin Dieldrin Heptachlor Heptachlor epoxide	34,000	Area excavated and re-sampled as PAPE-SW-09A
PAPe-SW09a	5/31/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Replaces PAPe-SW09
PAPe-SW09b	5/31/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Replaces PAPe-SW09
PAPE-SW-10	4/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPE-SW-11	4/12/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-EF-01	2/28/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-EF-02	2/28/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-01	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-02	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-03	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-04	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-05	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-06	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-07	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-08	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-09	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-10	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-11	2/22/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-12	2/28/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-13	2/28/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SW-14	2/28/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SWD-03	2/22/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
PAPW-SWD-12	2/28/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
SMA-EF-01	5/8/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
SMA-EF-02	5/8/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
SMA-EFD-01	5/8/07	Duplicate	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
SMA-SW-01	5/8/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Aroclor 1254 = 0.88	Ok	Ok	Resolved: Plan to leave in place, and note in O&M Plan that institutional controls (USA/Terradex) will be in place for this section of South Maple Avenue.
SMA-SW-02	5/8/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Aroclor 1254 = 0.81	Ok	Ok	Resolved: Plan to leave in place, and note in O&M Plan that institutional controls (USA/Terradex) will be in place for this section of South Maple Avenue
SMA-SW-03	5/8/07	Sidewall	Ok	Ok	OK	Ok	Ok	Ok	Ok	10,000	Resolved Plan to leave in place, and note in O&M Plan that institutional controls (USA/Terradex) will be in place for this section of South Maple Avenue.
SMA-SW-04	5/8/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
SMA-SW-05	5/8/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
SMA-SW-06	5/8/07	Sidewall	Lead=1040	Ok	Ok	MRL > PRG Benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Indeno(1,2,3-cd)pyrene	Ok	Aroclor 1254 = 2.2	Ok	60,000	Resolved: Plan to leave in place, and note in O&M Plan that institutional controls (USA/Terradex) will be in place for this section of South Maple Avenue.
SMA-SW-07	9/10/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	57,000	Resolved: Plan to leave in place, and note in O&M Plan that the institutional controls will be in place for this section of South Maple Avenue. The northern extent will be delineated during potential demolition of the GWTP.
TT-EF-01	2/21/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-EF-02	2/21/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-EF-03	2/21/07	Floor	Ok	Ok	Ok	MRL > PRG 2-Methylnaphthalene Acenaphthylene benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Ok	MRL > PRG Aldrin Dieldrin	Ok	Resolved: Floor Sample > 4' bgs**

Note: Samples that were collected to replace failed samples are indicated by using a letter (A, B, etc). (ex. BR-SW-05A repalces BR-SW-05)

TABLE 3
SUMMARY OF OFF-SITE CONFIRMATION SAMPLING
Purity Oil Sales Superfund Site
(all units = mg/kg)

Sample ID	Sample Date	Type of Sample	METALS*	CYANIDE	VOC	SVOC	PAH (SIM)	PCB	PESTICIDE	TPH	NOTES
TT-EF-04	2/21/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-EF-05	2/21/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-EF-06	2/21/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	MRL > PRG Dieldrin	Ok	Resolved. Floor Sample > 4' bgs**
TT-EF-07	3/15/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-EF-08	3/15/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-EF-09	3/14/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-EF-10	3/14/07	Floor	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-EFD-03	2/21/07	Duplicate	Ok	Ok	Ok	MRL > PRG 2-Methylnaphthalene Acenaphthylene benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene Naphthalene	Ok	Ok	MRL > PRG Aldrin Dieldrin	Ok	Resolved: Floor Sample > 4' bgs**
TT-SW-01	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-02	2/20/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-03	2/21/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-04	2/21/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-05	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-06	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-07	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-08	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-09	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-10	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-11	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-12	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-13	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-14	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-15	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
TT-SW-16	3/14/07	Sidewall	Ok	Ok	Ok	Ok	Ok	MRLs > PRGs	Ok	Ok	USEPA agreed during 5/2/07 discussion that no further excavation was required because the USEPA split a sample at this location and did not have MRLs > PRGs.
TT-SWD-07	3/14/07	Duplicate	Ok	Ok	Ok	Ok	Ok	MRLs > PRGs	Ok	Ok	
TT-SWD-14	3/14/07	Duplicate	Ok	Ok	Ok	Ok	Ok	MRLs > PRGs	Ok	Ok	
TT-TP02-SW-01	3/15/07	Sidewall	Ok	Ok	Ok	Ok	Ok	MRLs > PRGs	Ok	Ok	

* Arsenic concentrations within acceptable background concentrations (< 6 to 7 mg/kg) are not considered exceedances
** The Remedial Action Work Plan states that excavations in industrial areas with no visible evidence of sludge do not need to extend beyond 4' below ground surface

Legend
BR - Bruno's
GSMb - Golden State Market Backyard
GSMf - Golden State Market Front Yard
PAPe - Pick-a-Part East
PAPw - Pick-a-Part West
SMA - South Maple Ave
TT - Tall Trees
EF - Excavation Floor Sample
SB - Soil Boring
SW - Sidewall Sample
TP - Test Pit Sample
MRL - Method Reporting Limit
PRG - Preliminary Remediation Goal

Note: Samples that were collected to replace failed samples are indicated by using a letter (A, B, etc). (ex. BR-SW-05A repalces BR-SW-05)

TABLE 4
OFF-SITE
pH SAMPLE LOG

Sample ID	Date	Depth or Elevation (ft)	pH	PID (ppm)	Pass or Fail	Observations
Bruno's pH Samples						
BR-EF-01	2/14/07	283.1	8.01	0.7	P	
BR-EF-02	2/14/07	283.9	8.00	1.9	P	
BR-EF-03	2/20/07	283.3	7 90	0.0	P	
BR-EF-04	2/20/07	283.1	7.53	0.2	P	
BR-EF-05	3/7/07	284.1	7 79	0.3	P	
BR-EF-06	3/7/07	284.2	7.72	0.3	P	
BR-EF-07	3/20/07	283.0	7 80	0.5	P	
BR-EF-08	06/22/07	284.6	6.71	0.9	P	
BR-EF-09	06/22/07	284.6	7.69	0.8	P	
BR-EFD-09	06/22/07	Same as Above	Same as Above	Same as Above	P	
BR-SW-01	2/14/07	286.7	8.17	0.5	P	
BR-SW-02	2/14/07	285.3	8.15	0.0	P	
BR-SW-03	2/14/07	284.6	8.06	0.0	P	
BR-SW-04	2/14/07	285.7	7.32	1.3	P	
BR-SW-05	2/14/07	285.7	7.36	3.5	P	Debris noted in sample location Location dug out and sampled with BR-SW-05A
BR-SW-05A	3/20/07	286.2	7.62	0.6	P	
BR-SW-06	2/20/07	287.5	6.48	0.2	P	
BR-SW-07	2/20/07	286.0	7.09	1.6	P	Sample location dug out to approximate anchor trench location to south.
BR-SW-08	2/20/07	284 5	7.27	0 0	P	
BR-SW-09	2/20/07	284.5	5.44	0.9	P	
BR-SW-10	2/20/07	286.1	5.21	0 0	P	
BR-SWD-10	2/20/07	Same as above	Same as above	Same as above	P	
BR-SW-11	2/20/07	285.4	7 22	0.1	P	
BR-SW-12	2/20/07	284.1	7 02	0.0	P	
BR-SW-13	2/20/07	285.3	6 64	0.6	P	
BR-SW-14	2/20/07	285.2	7 69	0.8	P	
BR-SW-15	3/7/07	286.0	7.75	0.2	P	
BR-SW-16	3/8/07	287.0	6.94	0.2	P	
BR-SW-17	3/8/07	286.8	7.94	0.0	P	
BR-SW-18	3/7/07	285.1	7.71	0.2	P	
BR-SWD-18	3/7/07	Same as above	Same as above	Same as above	P	
BR-SW-19	06/22/07	286.3	6.95	0.8	P	
BR-SWMS-19	06/22/07	Same as Above	Same as Above	Same as Above	P	
BR-SWMSD-19	06/22/07	Same as Above	Same as Above	Same as Above	P	
BR-SW-20	06/22/07	286.0	7.24	0.7	P	
BR-SW-21	06/22/07	284.6	6.92	0.7	P	
BR-SW-22	06/22/07	286.5	7.24	0.6	P	
BR-SW-23	06/22/07	288.3	6.73	1.6	P	
BR-SW-24	07/24/07	286.6	**4.11**	1.1	F	No visible evidence of sludge, passes by FCR-04
BR-SWMS-24	07/24/07	286.6	Same as above	Same as above	P	
BR-SWMSD-24	07/24/07	286.6	Same as above	Same as above	P	

TABLE 4
OFF-SITE
pH SAMPLE LOG

Sample ID	Date	Depth or Elevation (ft)	pH	PID (ppm)	Pass or Fail	Observations
BR-SW-25	07/24/07	286.5	**3.89**	0.9	F	No visible evidence of sludge, passes by FCR-04
BR-TP01-EF-01	3/1/07	*278.4*	7.98	0.3	P	Approximate elevation
BR-TP02-EF-01	3/1/07	*277.5*	7.96	0.2	P	Approximate elevation
BR-TP03-EF-01	3/21/07	*277.6*	7.58	1.2	P	Approximate elevation
BR-TPO4-EF-01	3/21/07	*278.4*	8.05	1.0	P	Approximate elevation
Golden State Market Back Yard pH Samples						
GSMb-EF-01	3/29/07	285.4	7.96	0.0	P	
GSMb-EFD-01	3/29/07	Same as Above	Same as Above	Same as Above	P	
GSMb-EF-02	3/29/07	284.8	8.19	0.1	P	
GSMb-EF-03	4/3/07	285.6	**4.10**	0.4	F	Silty Sand (SM), Greenish grey. No visible evidence of sludge, passes by FCR-04
GSMb-EF-04	4/3/07	*285.7*	7.31	0.1	P	
GSMb-EF-05	4/5/07	284.3	**3.66**	96 3	F	*Silty Sand (SM); Olive, strong hydrocarbon odor,* no visible sludge present, passes by FCR-04
GSMb-EF-06	4/5/07	283.3	**4.22**	82.0	F	Silty Sand (SM), Olive, strong hydrocarbon odor, no visible sludge present, passes by FCR-04
GSMb-SW-01	3/29/07	287.2	8.04	NA	P	
GSMb-SW-02	3/29/07	288.0	8.22	NA	P	
GSMb-SW-03	3/29/07	286.0	8.26	NA	P	
GSMb-SW-04	3/29/07	287.0	8.22	NA	P	
GSMb-SW-05	4/5/07	286.6	**3.75**	28.3	F	Silty Sand (SM); Dark yellowish brown with trace black staining, hydrocarbon odor, no visible sludge, passes by FCR-04
GSMb-SW-06	4/5/07	285.2	6.91	180.0	P	*Silty Sand (SM); Olive Grey, strong hydrocarbon* odor, no visible sludge present
GSMb-TP01-EF-01	3/29/07	280.2	7.74	76.9	P	
GSMb-TP01-SW-01	3/29/07	283.4	8.40	139.0	P	
GSMb-TP01-SW-02	3/29/07	285.7	8.14	60.9	P	
GSMb-TP02-EF-01	3/29/07	*279.6*	7.75	NA	P	Elevation Approximated
GSMb-TP03-EF-01	4/5/07	*280.0*	5.55	419.0	P	Approximate Elevation
GSMb-TP04-EF-01	4/5/07	*276.5*	7.25	230.0	P	Approximate Elevation
TP-21-05'	7/12/07	*286.8*	*8.64*	*54.0*	P	Elevation approximated, Silty Sand (SM), black, hydrocarbon odor, no sludge like
Golden State Market Front Yard pH Samples						
GSMf-EF-01	7/16/07	286.5	8.05	0.2	P	
GSMf-EF-02	7/16/07	286.5	8.06	0.4	P	
GSMf-EF-03	7/16/07	286.5	7.76	0.3	P	
GSMf-EF-04	7/16/07	286.5	8.08	2.0	P	
GSMf-EF-05	7/16/07	286.5	7.67	0 2	P	
GSMf-EF-06	7/16/07	286.5	7.92	1.0	P	
GSMf-EF-07	7/16/07	286.7	6.97	0.1	P	
GSMf-EF-08	7/16/07	286.6	8.06	0 7	P	
GSMf-EF-09	7/16/07	286.4	**4.42**	0.1	F	No visual evidence of sludge, passes FCR-04
GSMf-EF-10	7/16/07	286.7	7.73	0.0	P	
GSMf-EF-11	7/16/07	286.6	**4.20**	0.3	F	No visual evidence of sludge, passes FCR-04
GSMf-EF-12	7/16/07	286.6	5.90	0.3	P	
GSMf-EFD-12	7/16/07	Same as above	Same as above	Same as above	P	
GSMf-EF-13	7/16/07	286.60	7.65	15 4	P	Hydrocarbon odor noted in sample location

TABLE 4
OFF-SITE
pH SAMPLE LOG

Sample ID	Date	Depth or Elevation (ft)	pH	PID (ppm)	Pass or Fail	Observations
GSMf-EF-14	7/16/07	286.7	6.12	7.9	P	
GSMf-EFMS-14	7/16/07	Same as above	Same as above	Same as above	P	
GSMf-EFMSD-14	7/16/07	Same as above	Same as above	Same as above	P	
GSMf-EF-15	7/16/07	286.6	8.08	0.1	P	
GSMf-EF-16	7/16/07	286.5	8.03	0.1	P	
GSMf-EF-17	7/16/07	286.4	8.41	0.2	P	
GSMf-EFD-17	7/16/07	Same as above	Same as above	Same as above	P	
GSMf-SW-01	07/12/07	289.1	7.22	0.2	P	
GSMf-SW-02	07/12/07	288 4	7.84	0.0	P	
GSMf-SW-03	07/12/07	290 2	6.97	0.1	P	
GSMf-SW-04	07/12/07	289 4	6.63	0.3	P	
GSMf-SWD-04	07/12/07	Same as above	Same as above	Same as above	P	
GSMf-SW-05	07/12/07	287.9	7.82	0.3	P	
GSMf-SW-06	07/12/07	289.2	7.37	0.0	P	
GSMf-SW-07	07/12/07	289 8	8.25	0.4	P	
GSMf-SW-08	07/12/07	289 1	7.73	0.3	P	
GSMf-SW-09	07/12/07	288 5	8.24	0.0	P	
Pick-A-Part pH Samples (eastern excavation)						
PAPe-EF-01	4/12/07	286.2	7.07	0.1	P	
PAPe-EFD-01	4/12/07	Same as Above	Same as Above	Same as Above	P	
PAPe-EF-02	4/12/07	286.1	5.58	0.1	P	
PAPe-EFMS-02	4/12/07	Same as Above	Same as Above	Same as Above	P	
PAPe-EFMSD-02	4/12/07	Same as Above	Same as Above	Same as Above	P	
PAPe-EF-03	4/12/07	285.6	5.63	0.5	P	Reference elevation in PAP parking lot = 290 7. Sample location is deeper than 4' bgs
PAPe-EF-04	4/12/07	284.9	6.51	0.7	P	
PAPe-EF-05	4/12/07	285.8	**3.61**	2.7	F	Reference elevation in PAP parking lot = 290 7 Sample location is deeper than 4' bgs, passes by FCR-04
PAPe-EFD-05	4/12/07	Same as Above	Same as Above	Same as Above	F	Reference elevation in PAP parking lot = 290 7. Sample location is deeper than 4' bgs, passes by FCR-04
PAPe-EF-06	4/12/07	285 8	5.19	0.4	P	
PAPe-EF-07	4/12/07	286.0	6.84	5.2	P	Reference elevation in PAP parking lot = 290.7. Sample location is deeper than 4' bgs
PAPe-EF-08	6/19/07	285.2	7.63	0 9	P	
PAPe-EF-09A	5/31/07	288.5	**4.57**	1 4	F	No visible evidence of sludge, passes by FCR-04
PAPe-SW-01	3/1/07	288 9	7 06	0.3	P	
PAPe-SW-02	3/1/07	290 0	6.94	0.4	P	Dark staining and glass debris in sample location. Location dug out to parking lot and resampled as PAPe-SW-02A
PAPe-SW-02A	4/3/07	289.4	7.38	0.2	P	Slight Staining, Trace debris, retest of PAPe-SW-02
PAPe-SW-03	3/1/07	290 0	7 06	0.4	P	Sample location dug out south to parking lot and resampled as PAPe-SW-03A
PAPe-SW-03A	4/3/07	289 3	7.08	0.2	P	No visual impacts, retest of PAPe-SW-03
PAPe-SW-04	3/1/07	288.1	6 99	0.4	P	
PAPe-SWMS-04	3/1/07	Same as above	Same as above	Same as above	P	
PAPe-SWMSD-04	3/1/07	Same as above	Same as above	Same as above	P	
PAPe-SW-05	3/1/07	287.9	7.15	0.4	P	
PAPe-SW-06	3/1/07	287.5	**4.90**	0.2	F	No visible evidence of sludge, passes by FCR-04

TABLE 4
OFF-SITE
pH SAMPLE LOG

Sample ID	Date	Depth or Elevation (ft)	pH	PID (ppm)	Pass or Fail	Observations
PAPe-SW-07	4/12/07	289.3	6.87	0.4	P	Area of asphalti-like material with black staining. Hard and well consolidated. Area excavated based on lab results, retested as PAPe-SW-07A and PAPe-SW-07B
PAPe-SW-07A	6/19/07	289.4	7.41	0.7	P	Retest of PAPe-SW-07
PAPe-SW-07B	6/19/07	289.5	6.76	0.8	P	Retest of PAPe-SW-07
PAPe-SW-08	4/12/07	289.7	7.34	0.5	P	Thin layer, less than 1/2" thick of dark to black stained soils, possible burn area or organics
PAPe-SW-09	4/12/07	290.3	5.78	0.2	P	Visually impacted with trace sludge-like material, asphaltic-like material, burn material, and wood/glass/metal debris Area excavated based on lab results, resampled as PAPe-SW-09A and PAPe-SW-09B
PAPe-SW-09A	5/31/07	288 9	**4.60**	1.4	F	No visible evidence of sludge, passes by FCR-04, retest of PAPe-SW-09
PAPe-SW-09B	5/31/07	289.1	6.84	1.4	P	Retest of PAPe-SW-09
PAPe-SW-10	4/12/07	287 0	7.25	4 9	P	Staining and debris
PAPe-SW-11	4/12/07	286 7	7.90	0.1	P	Staining and debris
PAPe-TP01-EF-01	4/12/07	278.3	6.74	0.7	P	No visual on VOC impacted soils to depth.
PAPe-SB-01-3.5'	2/28/07	*287.3*	8.04	0.1	P	Approximated elevation
PAPe-SB-02-2.0'	2/28/07	*288.8*	6.75	0.0	P	Approximated elevation
PAPe-SB-02-10'	2/28/07	*280.8*	7.78	0.0	P	Approximated elevation
PAPe-SB-03-2.5'	2/28/07	*288.3*	7.20	0.0	P	Approximated elevation
PAPe-SB-04-4.3'	*3/1/07*	*286.4*	*8.20*	*0.3*	*P*	*Approximated elevation*
PAPe-SB-04-9.5'	3/1/07	*281.2*	8.04	0.6	P	Approximated elevation
PAPe-SB-05-1.5'	3/1/07	*289.3*	6.88	0.4	P	Approximated elevation
PAPe-SB-06-3.5'	3/1/07	*NA*	7.58	0.2	P	To be surveyed
PAPe-SB-07-1'	3/1/07	*289.6*	8.11	0.6	P	Approximated elevation
PAPe-SB-08-4'	3/1/07	*285.9*	6.88	0.5	P	Approximated elevation
PAPe-SB-09-2.5'	3/1/07	*287.6*	7.16	0.5	P	Approximated elevation
PAPe-SB-10-2'	3/1/07	*288.1*	7.98	0.3	P	Approximated elevation
PAPe-SB-11-1.5'	3/1/07	*288.3*	9 03	0.9	P	Approximated elevation
PAPe-SBD-1.5'	3/1/07	*Same as above*	Same as above	Same as above	P	Approximated elevation
PAPe-SB-12-2 5'	3/1/07	*287.7*	8 11	0.7	P	Approximated elevation
PAPe-SB-13-2.5'	3/1/07	*287 5*	8.52	0.6	P	Approximated elevation
PAPe-SB-13-10'	3/1/07	*280.0*	7.16	0.6	P	Approximated elevation
PAPe-SB-14-3.5'	3/1/07	*286.5*	8.32	0.8	P	Approximated elevation
PAPe-SB-15-4'	3/1/07	*286.0*	7.54	0.3	P	Approximated elevation
Pick-A-Part pH Samples (western excavation)						
PAPw-EF-01	2/28/07	285.1	**4.42**	0.0	F	No visible evidence of sludge, passes by FCR-04
PAPw-EF-02	2/28/07	284.9	**3.88**	0.1	F	No visible evidence of sludge, passes by FCR-04
PAPw-EFMS-02	2/28/07	Same as above	**Same as above**	Same as above	F	
PAPw-EFMSD-02	2/28/07	Same as above	**Same as above**	Same as above	F	
PAPw-SW-01	2/22/07	286.8	6.99	0.4	P	
PAPw-SW-02	2/22/07	286.7	6.36	0.1	P	
PAPw-SW-03	2/22/07	287.8	7.12	0 5	P	
PAPw-SWD-03	2/22/07	Same as above	Same as above	Same as above	P	
PAPw-SW-04	2/22/07	287.6	6 59	0.4	P	
PAPw-SW-05	2/22/07	286.0	8.21	0.7	P	

TABLE 4
OFF-SITE
pH SAMPLE LOG

Sample ID	Date	Depth or Elevation (ft)	pH	PID (ppm)	Pass or Fail	Observations
PAPw-SW-06	2/22/07	285.8	8.33	1 0	P	
PAPw-SW-07	2/22/07	288.0	8.18	0 6	P	
PAPw-SW-08	2/22/07	285.8	8.36	0.9	P	
PAPw-SW-09	2/22/07	288.0	8.38	0.8	P	
PAPw-SW-10	2/22/07	286.3	8.39	0.2	P	
PAPw-SW-11	2/22/07	287.9	8.36	0.5	P	
PAPw-SW-12	2/28/07	287.8	8.37	0.0	P	
PAPw-SWD-12	2/28/07	Same as above	Same as above	Same as above	P	
PAPw-SW-13	2/28/07	287 0	5.99	0.4	P	
PAPw-SW-14	2/28/07	286 8	8.27	0.2	P	
PAPw-TP01-EF-01	3/21/07	278.9	6.82	1.7	P	Approximate elevation
Tall Tree's pH Samples						
TT-EF-01	2/21/07	284.6	7.47	0.8	P	
TT-EF-02	2/21/07	285.6	7.51	0.6	P	
TT-EF-03	2/21/07	285.8	6.33	0.8	P	
TT-EFD-03	2/21/07	Same as above	6.40	0.6	P	
TT-EF-04	2/21/07	287.8	7.54	0.7	P	
TT-EF-05	2/21/07	288.1	8.09	0.6	P	
TT-EF-06	2/21/07	287.8	**4.61**	0.7	F	Sample has no visual evidence of sludge. Sample passes FCR-04
TT-EF-07	3/15/07	286.3	8.40	4.1	P	
TT-EF-08	3/15/07	285.8	7.46	2.3	P	
TT-EF-09	3/14/07	286.2	6.97	2.0	P	
TT-EF-10	3/14/07	285.7	7.43	0.9	P	
TT-SW-01	2/20/07	286.9	8.24	1.1	P	
TT-SW-02	2/20/07	287.2	7.75	0 9	P	
TT-SW-03	2/21/07	286 9	7.38	0 7	P	
TT-SWMS-03	2/21/07	Same as above	Same as above	Same as above	P	
TT-SWMSD-03	2/21/07	Same as above	Same as above	Same as above	P	
TT-SW-04	2/21/07	287.0	6.80	0.7	P	
TT-SW-05	3/14/07	288.7	7.51	1.0	P	Glass type debris noted in sample location
TT-SW-06	3/14/07	287.6	7.81	1 2	P	
TT-SW-07	3/14/07	288.9	8.11	1.1	P	
TT-SWD-07	3/14/07	Same as above	Same as above	Same as above	P	
TT-SW-08	3/14/07	287 6	7.15	1.3	P	
TT-SW-09	3/14/07	289 5	7.49	0.8	P	
TT-SWMS-09	3/14/07	Same as above	Same as above	Same as above	P	
TT-SWMSD-09	3/14/07	Same as above	Same as above	Same as above	P	
TT-SW-10	3/14/07	287.7	6.53	1.1	P	
TT-SW-11	3/14/07	287.3	7.43	0.8	P	
TT-SW-12	3/14/07	289.1	6.39	0.8	P	
TT-SW-13	3/14/07	287.1	7.34	1.0	P	
TT-SW-14	3/14/07	288.5	6 19	1.6	P	

TABLE 4
OFF-SITE
pH SAMPLE LOG

Sample ID	Date	Depth or Elevation (ft)	pH	PID (ppm)	Pass or Fail	Observations
TT-SWD-14	3/14/07	Same as above	Same as above	Same as above	P	
TT-SW-15	3/14/07	286.6	7.48	1.0	P	
TT-SW-16	3/14/07	287.8	7.94	0.9	P	
TT-TP01-EF-01	2/13/07	*279.0*	8 42	0.2	P	Elevation is approximated
TT-TP02-EF-01	2/13/07	*280.3*	8.57	0.0	P	Elevation is approximated
TT-TP02-SW-01	3/15/07	288 7	7 24	3.3	P	
TT-TP02-SWMS-01	3/15/07	Same as above	Same as above	Same as above	P	
TT-TP02-SWMSD-01	3/15/07	Same as above	Same as above	Same as above	P	
TT-TP3-EF-01	2/13/07	*279.5*	8.39	**50.0**	P	Elevation is approximated
TT-TP4-EF-01	2/13/07	*280.7*	7.90	0.8	P	Elevation is approximated
TT-TP5-EF-01	2/13/07	*280.3*	7.83	0.8	P	Elevation is approximated
TT-TP06-EF-01	3/15/07	*279 8*	7.73	**53.3**	P	Elevation is approximated
TT-TP07-EF-01	3/15/07	*279.3*	**4.59**	**54.1**	F	No visbile evidence of sludge, passes by FCR-04
TT-TP08-EF-01	3/15/07	*280.1*	8.52	**778**	P	Elevation is approximated
TT-TP09-EF-01	3/15/07	*280.1*	7.49	2.9	P	Elevation is approximated.
South Maple Avenue pH Samples						
SMA-EF-01	5/8/07	288.2	6.17	2.2	P	
SMA-EFD-01	5/8/07	Same as above	Same as above	Same as above	P	
SMA-EF-02	5/8/07	288.2	**4.73**	1.8	F	No visible evidence of sludge, passes by FCR-04
SMA-SW-01	5/8/07	290.0	**4.43**	3.2	F	*Dark Brown to Black Staining, no visible evidence of sludge, passes by FCR-04*
SMA-SW-02	5/8/07	290.0	**4.62**	1 8	F	Dark Brown to Black Staining, trace wood debris Performed below hard asphaltic material, no visible evidence of sludge, passes by FCR-04
SMA-SW-03	5/8/07	290.0	5.02	2 2	P	Dark Brown to Black Staining, trace wood debris Performed below hard asphaltic material
SMA-SW-04	5/8/07	290.0	6.79	2.5	P	Dark Brown to Black Staining, trace wood debris Performed below hard asphaltic material
SMA-SW-05	5/8/07	289.8	8.41	2 3	P	
SMA-SW-06	5/8/07	290.2	6.24	2.6	P	Black staining, trace wood and glass debris
SMA-SW-07	9/10/07	290.3	5.95	1.0	P	Black silty fine sand, asphaltic fragments

Legend
BR - Bruno's
GSMb - Golden State Market Backyard
GSMf - Golden State Market Front Yard
PAPe - Pick-a-Part East
PAPw - Pick-a-Part West
SMA - South Maple Ave
TT - Tall Trees
EF - Excavation Floor Sample
SB - Soil Boring
SW - Sidewall Sample
TP - Test Pit Sample

Table 5
Off-Site Remediation Punch List Items
Purity Oil Sales Superfund Site
Malaga, CA

Punch List Item No.	Punch List Item	RAWP Section	Other References	Completion Date	Status
1	Implement institutional controls for potential remaining impacts along South Maple Avenue. Terradex, Inc. and the local one-call service may be utilized to notify Chevron if any work is planned along South Maple Avenue adjacent to the Purity Oil Site.			Pending	USEPA will be notified when institutional controls are in place.
2	Disposal of 55-gallon drum discovered during Golden State Market building demolition	4.1.2	GSM Alt. 4 Work Plan	Pending	Drum will be disposed upon receipt of temporary USEPA identification number.

Leon Environmental Services

Richard "Danny" Leon CAC # 04-3708
Tommy Leon CAC # 05-3882

March 25, 2007

Mr. Gary Ackerman
SECOR International Services
3281 S. Maple Ave.
Fresno, CA 93725

Re: Asbestos Survey
Golden State Market
3269 S. Golden State
Fresno, CA
Job No. S41-07

Dear Gary:

Attached is the asbestos survey report for the above referenced building. This report includes inspection observations, a list of all samples taken, bulk sample analysis results, a sample location drawing, and recommendations concerning asbestos containing materials.

If you have any questions or need additional information, please do not hesitate to call. Thank you for using Leon Environmental Services. We look forward to working with you in the future.

Respectfully,

Tommy Leon
Certified Asbestos Consultant
Certification No. 05-3882

7637 North Bain Avenue, Fresno, CA 93722
Phone: 559.274.9200 Fax: 559.274.9240 Email: LeonEnviro@comcast.net

Leon Environmental Services
7637 North Bain Avenue, Fresno, CA 93722 Phone: 559.274.9200 Fax: 559.274.9240

BUILDING DESCRIPTION

An asbestos survey was performed on **March 8th, 2007** at the Golden State Market located at **3269 S. Golden State, Fresno CA.** This structure is a grocery store with an a apartment in the back of the building. . The building is approximately 50-60 years old and approximately 3500sqft. It has a brick frame with texture sprayed on the exterior. The roof has asphalt shingles and black roof mastic. The interior walls are brick and sheetrock with associated joint compound and texture. The ceilings were sheetrock in the storage room and apartment, but in the store area there were 1x1 acoustic tiles and then a drop ceiling with 2x4 ceiling tiles. The floors were all concrete covered with floor tile, linoleum and carpet.

ASBESTOS ANALYSIS RESULTS

All bulk samples of suspect asbestos containing materials were taken in accordance with US EPA Guidelines and accepted industry standards by a state certified asbestos consultant. Western Analytical Laboratory, Inc., a NVLAP accredited laboratory performed a total of **37** analyses from **32** samples collected from this structure at this site. The samples listed on the table below were positive for asbestos. The full list of all samples taken is on the following pages. Sample locations are indicated on the drawings included with this report. Quantities listed below are estimates, for sampling purposes only, and should be verified prior to asbestos abatement.

Sample	Location	Material	% Of ACM	Friable	Sq. Ft.
07	Store Room Ceiling & Walls	Texture / Paint	1-2%	Yes	250'
08	Store Room Ceiling & Walls	Joint Compound / Sheetrock	0.50%	NO	250'
11	Apartment Hallway Wall	Texture / Paint	0.75%	NO	1500'
15	Apartment Bedroom Floor	Brown 9x9 Floor Tile	>1%	NO	64'
19	Apartment Kitchen Floor	Brown Linoleum	15%	Yes	64'
21	Apartment Kitchen Ceiling	Texture / Paint	0.25%	NO	See Sample 11

23	Apartment Bathroom Wall	Joint Compound / Sheetrock	0.25%	NO	See Sample 11
32	Roof	Black Roof Mastic	10%	NO	20'

COMMENTS AND RECOMMENDATIONS

The Texture (sample 11, 21) located through out the Apartment is positive for asbestos at 0.75% and 0.25%, respectively.
The Joint Compound and Sheetrock Composite (sample 23) located through out the Apartment is positive for asbestos at 0.25%.
The Brown 9x9 Floor tile (sample 15) in the North West bedroom of the Apartment floor is positive for asbestos at >1%.
The Joint Compound and Sheetrock Composite (sample 08) located in the Walls and Ceilings of the Storeroom is positive for asbestos at 0.50%.
The Black Roof Mastic (Sample 32) is positive for Asbestos at 10%
These materials are considered a ***non-hazardous non-friable ACM*** and can be disposed of as construction waste in most cases after properly being abated. It is recommended that a licensed asbestos abatement contractor remove these materials prior to renovation and or demolition of this structure.

The Brown Linoleum (samples 19) located in the kitchen floor of the Apartment is positive for asbestos at 15%.
The Texture (sample 07) located in the Walls and Ceilings of the Storeroom is positive for asbestos at 1-2%.
These materials are considered ***friable hazardous ACM*** and it is recommended that a licensed asbestos abatement contractor remove these materials prior to renovation and or demolition of this structure.

CONCLUSIONS AND REGULATIONS

US EPA NESHAP (40 CFR Part 61)

Based on our survey, sampling and subsequent laboratory analysis and regulatory guidelines affecting this site, the types of ACM identified on the previous page require removal (in most cases) prior to demolition and/or renovation procedures to comply with local, state and federal agencies. The US EPA NESHAP (40 CFR Part 61 – November 20, 1990) requires materials containing greater than one percent asbestos be removed prior to renovation or demolition. If those materials are friable or likely to become friable due to the forces expected to act upon them during renovation or demolition, they become a regulated asbestos containing material (RACM) and require a 10-day notification to the local Air Pollution Control District prior to abatement.

CAL OSHA--------Construction Industry--------8CCR, 1529

Cal/OSHA worker health and safety regulations apply during any disturbance of ACM by a person while in the employ of another. This is true regardless of friability or quantity disturbed. If there is greater than 100 square feet of ACM which will be affected by the demolition, a California Licensed Contractor who is registered with Cal/OSHA for asbestos is required. The regulations regarding asbestos are found in Title 8 CCR Section 1529, and also include formal notification requirements to Cal/OSHA at least 24 hours prior to removal. It is required that removal be conducted with the material kept in a wetted state to contain dust and hazardous emissions.

The construction industry standard covers employees engaged in demolition and construction, and the following related activities likely to involve asbestos exposure: removal, encapsulation, alteration, repair, maintenance, insulation, spill emergency cleanup, transportation, disposal and storage of ACM.

Demolition contractors typically require that a building owner/operator accept responsibility for removal of all ACM found during the building inspection prior to start of demolition activities.

Non-friable and non-regulated ACM, in most cases, may be disposed of as construction debris in a landfill that accepts ordinary construction debris. All friable waste containing more than 1% asbestos (RACM) should be manifested as hazardous waste for disposal purposes.

LIMITATIONS OF LIABILITY

Conclusions and recommendations presented in this report are qualitative judgments based on the prevailing regulations and accepted industry standards at the time of the report issuance. Leon Environmental Services provides no other guarantees, either expressed or implied. All quantities of materials listed herein are estimates for sampling purposes only, and should be verified by Owner representative or an abatement contractor prior to asbestos abatement.

The nature of demolition and asbestos abatement is such that materials can be uncovered which previously were unknown to exist. Therefore, Leon Environmental Services cannot be responsible for materials not previously detected due to lack of accessibility or concealment, although every effort was made during the inspection to detect all suspect materials. If any materials other than those included herein are discovered during renovation or demolition, it must be assumed that the materials are asbestos containing, and should be treated accordingly until further testing and analysis is performed.

Asbestos Survey S41-07: Golden State Market, 3269 S. Golden State, Fresno CA

The data interpretations and recommendations are based solely on information available to Leon Environmental Services at the time of our inspection. The customer recognizes that site conditions or accessibility may vary, from those encountered at the time of our inspection and sample collection. Varying conditions or access could result in additional information that would lead us to revise conclusions and recommendations. Leon Environmental Services will not be responsible for the interpretation or use by others of information contained within this report.

Thomas M. Leon DATE: March 25, 2007

Thomas Leon
Certified Asbestos Consultant
Certification No. 05-3882
*Abbreviation Key:

Asbestos Containing Material — ACM (equal to or greater than 0.1% by weight)
Vinyl Asbestos Tile – VAT
No Asbestos Detected--N.A.D or N.D.
Homogeneous—H
Not Sampled--NS

Leon Environmental Services

7637 North Bain Avenue, Fresno, Ca 93722 Phone 559.274.9200 Fax 559.274.9240 Email: LeonEnviro@comcast.net

Customer: Gary Ackerman/Secor

Date: 3-08-07 Job No. 541-07

Analysis: PLM Turn Around: 2hr Rush Same Day 24hr 48hr (3-5 days)

Inspection Site: 3269 S. Golden State, Fresno CA

Sample No	Location	Material: Color	Material: Type	Material: Friable	Quantity
01	Isle 2 floor	Gray/Brown streaks	12x12 floor tile		
02	" " "	Brown	mastic		
03	" " "	Beige	12x12 floor tile (Patches)		
04	" " "	Brown	Glue		
05	Store Ceiling		Texture/Paint on 1x1 Ceiling tile		
06	Store Ceiling		Texture/Paint on 2x4 Ceiling tile		
07	Storage Room Ceiling		Texture/Paint		
08	" " "		Joint Compound/sheetrock Composite		
09	Apartment South Wall		Texture on Brick Wall		
10	" Hallway Ceiling		Spray Acoustic		
11	Apartment Hallway Wall		Texture/Paint		
12	" " "		Joint Compound/sheetrock		
13	" " floor	Beige	12x12 floor tile		
14	" " "	Clear	Adhesive		
15	" Bedroom floor	Brown	9x9 floor tile		
16	" " "	Black	mastic		
17	" Bathroom "	Brown Beige	12x12 floor tile		
18	" " "	Black	mastic		
19	" Kitchen floor	Brown	Linoleum		
20	" " "		Adhesive		

Relinquished By: Tommy Lee Date: 3-08-07

Received By: Date:

Leon Environmental Services

7637 North Bain Avenue, Fresno, Ca 93722 Phone 559.274.9200 Fax 559.274.9240 Email: LeonEnviro@comcast.net

Customer: Gary Ackerman / Secor

Date: 3-08-07 Job No. 541-07

Analysis (PLM) Turn Around: 2hr Rush Same Day 24hr 48hr (3-5 days)

Inspection Site: 3269 S. Golden State, Fresno CA

Sample No	Location	Material: Color	Material: Type	Material: Friable	Quantity
21	Apartment Kitchen Ceiling		Texture / Paint		
22	" Bathroom Wall		Texture / Paint		
23	" " "		Joint Compond / sheetrock		
24	Exterior South Wall	Green	Texture on Brick		
25	" " "	White	Texture on Brick		
26	Exterion Eve		Texture on Plaster		3
27	" "		Color Coat		
28	" "		Plaster		
29	Exterion Wood trim	Green	Paint on Wood		
30	~~Exterior~~ Roof	Green	Asphalt Shingle		
31	Roof		Underlayment		
32	Roof	Black	Roof mastic		

Relinquished By: Tommy Toom Date 3-08-07

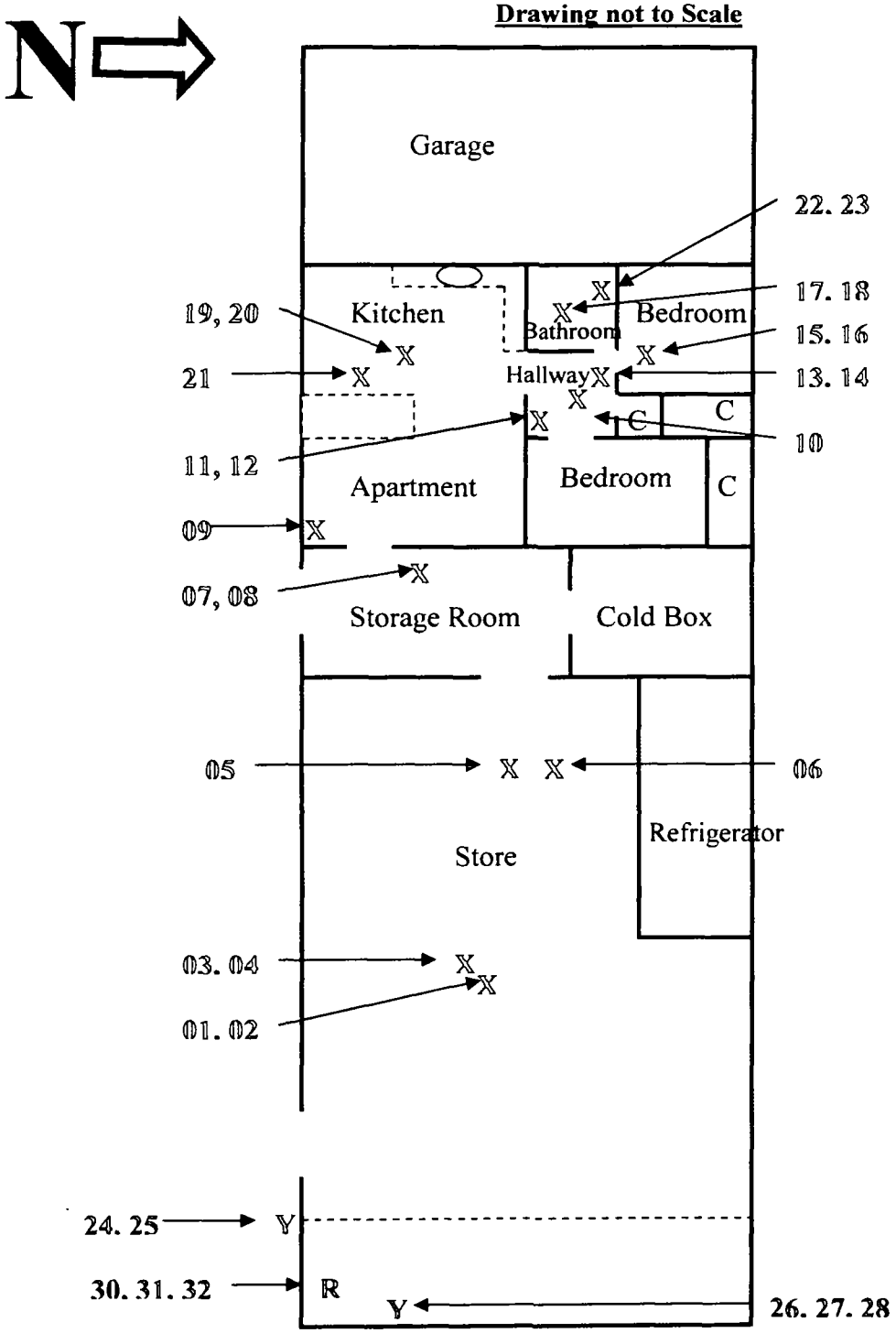
Received By: Date

Leon Environmental Services

Richard "Danny" Leon CAC Certification No. 04-3708
Tommy Leon CAC Certification No. 05-3882

Sample Collection Diagram
3269 S. Golden State, Fresno CA
Job S41-07 (Gary Ackerman)
Drawing not to Scale

Y = Exterior Samples
X = Interior Samples
R = Roof Samples



7637 North Bain Avenue, Fresno, CA 93722
Phone: 559.274.9200 Fax: 559.274.9240 Email: LeonEnviro@comcast.net

WESTERN ANALYTICAL LABORATORY, Inc.
TEST REPORT

REPORT NO: 46224

DATE COLLECTED: March 8, 2007

DATE RECEIVED: March 9, 2007

DATE REQUIRED: March 14, 2007

CLIENT: Leon Environmental Services
7637 N. Bain Avenue
Fresno, CA 93722

ATTENTION: Danny Leon
(CAC 04-3708)

REFERENCE: Job #S41-07
Gary Ackerman - Secor
3269 S. Golden State
Fresno, CA

SUBJECT: Polarized Light Microscopy Analysis for Asbestos; 32 samples

METHODOLOGY: "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600/R-93/116)*

ACCREDITED: National Institute of Standards and Technology (NVLAP) # 200037

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
01	Isle 2 Floor Gray/brown streaks 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
02	Isle 2 Floor Brown mastic	Granular Minerals Organics	None Detected	None Detected
03	Isle 2 Floor Beige 12x12 floor tile (patches)	Granular Minerals Resin	None Detected	None Detected
04	Isle 2 Floor Brown glue	Granular Minerals Organics	None Detected	None Detected

t: Trace >1% = greater than 1% <1 = less than 1%

Mike Maladzhikyan

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

Reference: Job #S41-07 / Gary Ackerman - Secor/ 3269 S. Golden State/ Fresno, CA

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
05	Store Ceiling Texture / paint on 1x1 ceiling tile	Granular Minerals Organics	None Detected	None Detected
06	Store Ceiling Texture / paint on 2x4 ceiling tile	Granular Minerals Organics	None Detected	None Detected
07	Store Room Ceiling Texture / paint	Granular Minerals Organics	None Detected	Chrysotile 1-2%
08	Store Room Ceiling Joint compound / sheetrock composite	Granular Minerals Organics Gypsum	Cellulose 10%	Chrysotile (t)
09	Apartment South Wall Texture on brick wall	Granular Minerals Organics Perlite Gypsum	None Detected	None Detected
10	Apartment Hallway Ceiling Acoustic ceiling spray	Granular Minerals Organics	None Detected	None Detected
11	Apartment Hallway Wall Texture / paint	Granular Minerals Organics	None Detected	Chrysotile (t)
12	Apartment Hallway Wall Joint compound / sheetrock composite	Granular Minerals Organics Gypsum	Cellulose 10%	None Detected

t: Trace >1% = greater than 1% <1 = less than 1%

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

Reference: Job #S41-07 / Gary Ackerman - Secor/ 3269 S. Golden State/ Fresno, CA

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
13	Apartment Hallway Floor Beige 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
14	Apartment Hallway Floor Clear adhesive	Granular Minerals Organics (tar)	None Detected	None Detected
15	Apartment Bedroom Floor Brown 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
16	Apartment Bedroom Floor Black mastic	Granular Minerals Organics (tar)	None Detected	None Detected
17	Apartment Bathroom Floor Brown/beige 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
18	Apartment Bathroom Floor Black mastic	Granular Minerals Organics (tar)	None Detected	None Detected
19	Apartment Kitchen Floor Brown linoleum	Granular Minerals Resin	None Detected	Chrysotile 15%
20	Apartment Kitchen Floor Adhesive	Granular Minerals Organics	None Detected	None Detected

t: Trace >1% = greater than 1% <1 = less than 1%

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

Reference: Job #S41-07 / Gary Ackerman - Secor/ 3269 S. Golden State/ Fresno, CA

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
21	Apartment Kitchen Ceiling Texture / paint	Granular Minerals Organics	None Detected	Chrysotile (t)
22	Apartment Bathroom Wall Texture / paint	Granular Minerals Organics	None Detected	None Detected
23	Apartment Bathroom Wall Joint compound / sheetrock composite	Granular Minerals Organics Gypsum	Cellulose 10%	Chrysotile (t)
24	Exterior South Wall Green texture on brick	Granular Minerals Organics	None Detected	None Detected
25	Exterior South Wall White texture on brick	Granular Minerals Organics	None Detected	Chrysotile (t)
26	Exterior Eve Texture on plaster	Granular Minerals Organics	None Detected	None Detected
27	Exterior Eve Color coat	Granular Minerals Organics	None Detected	None Detected

t: Trace >1% = greater than 1% <1 = less than 1%

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

Reference: Job #S41-07 / Gary Ackerman - Secor/ 3269 S. Golden State/ Fresno, CA

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
28	Exterior Eve Plaster	Granular Minerals Organics Mortar	None Detected	None Detected
29	Exterior Wood Trim Green paint on wood	Granular Minerals Organics	None Detected	None Detected
30	Roof Green asphalt shingle	Granular Minerals Organics (tar)	Fiberglass 3%	None Detected
31	Roof Underlayment	Granular Minerals Organics (tar)	Cellulose 40%	None Detected
32	Roof Black roof mastic	Granular Minerals Organics (tar)	None Detected	Chrysotile 10%

t: Trace >1% = greater than 1% <1 = less than 1%

Mike Maladzhikyan

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

WESTERN ANALYTICAL LAB, INC.

POINT COUNTING SUMMARY

REPORT NO: 46224-P

DATE COLLECTED: March 8, 2007

DATE RECEIVED: March 9, 2007

DATE REQUIRED: March 14, 2007

CLIENT: Leon Environmental Services
7637 N. Bain Avenue
Fresno, CA 93722

ATTENTION: Danny Leon
(CAC 04-3708)

REFERENCE: Job #S41-07
Gary Ackerman - Secor
3269 S. Golden State
Fresno, CA

SUBJECT: Polarized Light Microscopy Analysis for Asbestos; 5 samples

METHODOLOGY: "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600/R-93/116), *Point Counting Method*

ACCREDITED: National Institute of Standards and Technology (NVLAP) # 200037

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NO. of FIELDS	ASBESTOS POINTS	ASBESTOS PERCENT	ASBESTOS TYPE
08	Store Room Ceiling Joint compound / sheetrock composite	400	2	0.50%	Chrysotile
11	Apartment Hallway Wall Texture / paint	400	3	0.75%	Chrysotile

Mike Maladzhikyan

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

Reference: Job #S41-07 / Gary Ackerman - Secor/ 3269 S. Golden State/ Fresno, CA

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NO. of FIELDS	ASBESTOS POINTS	ASBESTOS PERCENT	ASBESTOS TYPE
21	Apartment Kitchen Ceiling Texture / paint	400	1	**0.25%**	Chrysotile
23	Apartment Bathroom Wall Joint compound / sheetrock composite	400	1	**0.25%**	Chrysotile
25	Exterior South Wall White texture on brick	400	0	**0.00%**	Chrysotile

Mike Maladzhikyan

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

APR 16 2007

Leon Environmental Services

7637 North Bain Avenue, Fresno, CA 93722 Phone: 559.274.9200 Fax: 559.274.9240

April 4, 2007

Mr. Gary Ackerman
SECOR International Services
3281 S. Maple Ave.
Fresno, CA 93725

Re: Lead Samples
Golden State Market
3269 S. Golden State
Fresno, CA
Job No. L05-07

Dear Gary

Attached is the LBP Report for the above referenced building. This report includes conclusions, recommendations and analysis results. If you have any questions or need additional information, please do not hesitate to call.

Thank you for using Leon Environmental Services. We look forward to working with you in the future.

Respectfully,

Tommy Leon
Certified DHS Supervisor
Certification No. #5157

SAMPLING SITE: Golden State Market, 3269 S. Golden State, Fresno CA

LEAD (LBP) ANALYSIS RESULTS

A total of 17 paint chip samples were collected by a state certified Lead Inspector. The sample collection areas were determined by HUD Guide lines about the impending demolition that is planned for this building. Samples listed below are above 0.50% Pb by weight and therefore are considered Lead Based Paint. The full list of all samples taken is on the following pages. Sample locations are indicated on the drawings included with this report.

Sample	Location	Material	Reporting Limit	%Pb By Weight	LBP
L04	Front Door Wood Frame	Black Paint	.010	0.512	Yes
L06	Storage Room Metal Door Frame	White Paint	.010	0.752	Yes
L15	Fascia Board	Blue Paint	.010	1.03	Yes
L17	Fascia Board	Green Paint	.010	4.52	Yes

COMMENTS AND RECOMMENDATIONS

The Black Paint (sample L04) on the Front Door Wood Frame has a lead content greater than 0.50 Pb by weight and is therefore considered Lead Based Paint.
The White Paint (sample L06) on the Storage Room Metal Door Frame has a lead content greater than 0.50 Pb by weight and is therefore considered Lead Based Paint.
The Blue Paint (sample L15) on the fascia board around the south side of the roof has a lead content greater than 0.50 Pb by weight and is therefore considered Lead Based Paint.
The Green Paint (sample L17) on the fascia board around the east side of the roof has a lead content greater than 0.50 Pb by weight and is therefore considered Lead Based Paint.
Note: The fascia board is on all four sides of the building and should be treated as the same.

It is recommended that all loose and flaky paint be scraped from the above materials, and the materials be removed by Component Methods prior to demolition of this structure.

The federal and Cal-OSHA regulations for lead in construction do not specify a level of a lead in paint that classifies it as LBP, although the Department of Housing and Urban Development (HUD) considers a paint to be a lead-based paint when the content of the paint exceeds 1.0 mg/cm3 or 0.5 percent Lead by weight. However, federal and state OSHA regulations specify ***airborne lead levels*** that should not be exceeded during construction without appropriate protection and training.

SAMPLING SITE: Golden State Market, 3269 S. Golden State, Fresno CA

The action level for lead is 30 micrograms per cubic meter of air (ug/m3) and the permissible exposure limit (PEL) is 50 ug/m3. These airborne lead levels can be exceeded during construction or demolition activities such as scraping, sanding, grinding, blasting, and torching LBP surfaces, even when levels of lead in paint are far below the HUD definition of LBP of 1.0 mg/cm3 or 0.5 percent lead by weight.

Based on the levels of LBP identified in the building survey, Leon Environmental recommends that only a qualified Lead Abatement Company with properly trained and equipped individuals be used on this project. Procedures and engineering controls must be designed to follow Cal-OSHA and Department of Health Services (State of California) requirements.
All loose and flaky LBP should be removed prior to demolition or renovation, collected and handled as one waste stream.

CONCLUSIONS AND REGULATIONS

All lead paint samples were analyzed by Atomic Absorption via EPA method SW-846 7420M. Results are reported in weight percent.

The Consumer Product Safety Commission (CPSC) has determined that for a paint to be considered as "lead free", it must contain less than 0.06% or 600 parts per million (PPM). The Department of Housing and Urban Development (HUD) considers a paint to be a lead-based paint hazard when the content of the paint exceeds 0.5% or 5000 ppm (parts per million). However, as it pertains to demolition and materials characterization and disposal, neither the CPSC nor the HUD guidelines provide sufficient direction and regulatory guidance for compliance with Cal-OSHA and California and US Environmental Protection Agency requirements.
Cal-OSHA Title 8, CCR Section 1532.1 requires a wide variety of responses including, personal protective equipment (PPE), respiratory protection, blood testing for lead and hand washing facilities if the action level of 30 ug/m^3 or the permissible exposure level of 50 ug/m^3 are exceeded.
California Occupational Safety and Health (OSHA) regulations require employee personnel monitoring at any detectable levels until statistically reliable results indicate that exposure will remain consistently below the OSHA Action Level of 30 micrograms/ m^3 and the Permissible Exposure Level of 50 micrograms/ m^3 for an 8 hour day. The employer must then produce a "Negative Exposure Assessment" to indicate that it is not possible with the specific lead-based paint product to create excessive lead exposure levels.
California Environmental Protection Agency, Department of Toxic Substances Control, California Heath and Safety Code 25157.8 require procedures for the identification, management, transport, record-keeping and disposal of hazardous wastes.

SAMPLING SITE: Golden State Market, 3269 S. Golden State, Fresno CA

LIMITATIONS OF LIABILITY

Conclusions and recommendations presented in this report are qualitative judgments based on the prevailing regulations and accepted industry standards at the time of the report issuance. Leon Environmental Services provides no other guarantees, either expressed or implied. All quantities of painted surfaces listed herein are estimates for sampling purposes only, and should be verified by Owner representative or an abatement contractor prior to Lead abatement. The nature of demolition is such that painted surfaces can be uncovered which previously were unknown to exist. Therefore, Leon Environmental Services cannot be responsible for painted surfaces not previously detected due to lack of accessibility or concealment, although every effort was made during the inspection to detect all painted surfaces. If any materials other than those included herein are discovered during renovation or demolition, it must be assumed that painted surfaces are lead containing, and should be treated accordingly until further testing and analysis is performed. The data interpretations and recommendations are based solely on information available to Leon Environmental Services at the time of our inspection. The customer recognizes that site conditions or accessibility may vary, from those encountered at the time of our inspection and sample collection. Varying conditions or access could result in additional information that would lead us to revise conclusions and recommendations. Leon Environmental Services will not be responsible for the interpretation or use by others of information contained within this report.

Richard "Danny "Leon — Date:

Richard "Danny "Leon
Certified DHS Lead Inspector
Certification No. #5156

Thomas Leon — Date: 4-04-07

Thomas Leon
Certified DHS Supervisor
Certification No. #5157

CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#:
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: LEON ENVIRONMENTAL
7637 N. Bain
Fresno, CA 93722
CONTACT: Tommy Leon
Phone/Fax: (559) 274-9200/ (559) 274-9240
Email: leonenviro@comcast.net

BILL TO: (If Different Location)

Now Accepting: VISA – MASTERCARD

Price Quoted: $_____ / Sample $____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] (3-Day) [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
****Additional charges for rush analysis (please call marketing department for pricing details)
****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] (Lead) [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]
3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: Golden State Market
P.O. Number: _____ Project Number: L05

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS ON	OFF	FLOW RATE
	L01		SE Store Wall Brick / Paint white	Y N			
	L02		East Store Wall metal / Paint white	Y N			
	L03		Door frame Metal / Paint Brown	Y N			
	L04		Door frame wood ~~metal~~ / Paint Black	Y N			
	L05		Middle Wall wood / paint white	Y N			
	L06		Storage Door frame metal / Paint White	Y N			
	L07		Storage West Wall wood / paint white	Y N			
	L08		Apartment Door frame wood / paint white	Y N			
	L09		Kitchen Cabinet wood / Paint White	Y N			
	L10		Family Room Wall wood / paint white	Y N			
	L11		Exterior Apartment Door / Paint white	Y N			
	L12		Post metal / paint white	Y N			
	L13		Exterior wall metal / paint Green	Y N			
	L14		Exterior wall metal / paint white	Y N			
	L15		Facia / Blue paint	Y N			

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Tommy Leon (Signature) Tommy Leon

Relinquished by: _____ Date/Time: 3-27-07 Received by: _____ Date/Time: _____

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

CHAIN OF CUSTODY

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LAB#:

TAT:

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Phone/Fax: (559) 274-9200/ (559) 274-9240
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****Additional charges for rush analysis (please call marketing department for pricing details)**
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2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]
(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: Golden State Market

P.O. Number: _____ Project Number: L05

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS ON	OFF	FLOW RATE
	L16		Exterior Wood Door / white paint	Y N			
	L17		Facia / Gueon Paint	Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Tommy Leon (Signature) Tommy Leon

Relinquished by: _____ Date/Time: 3-27-07 Received by: _____ Date/Time: _____

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

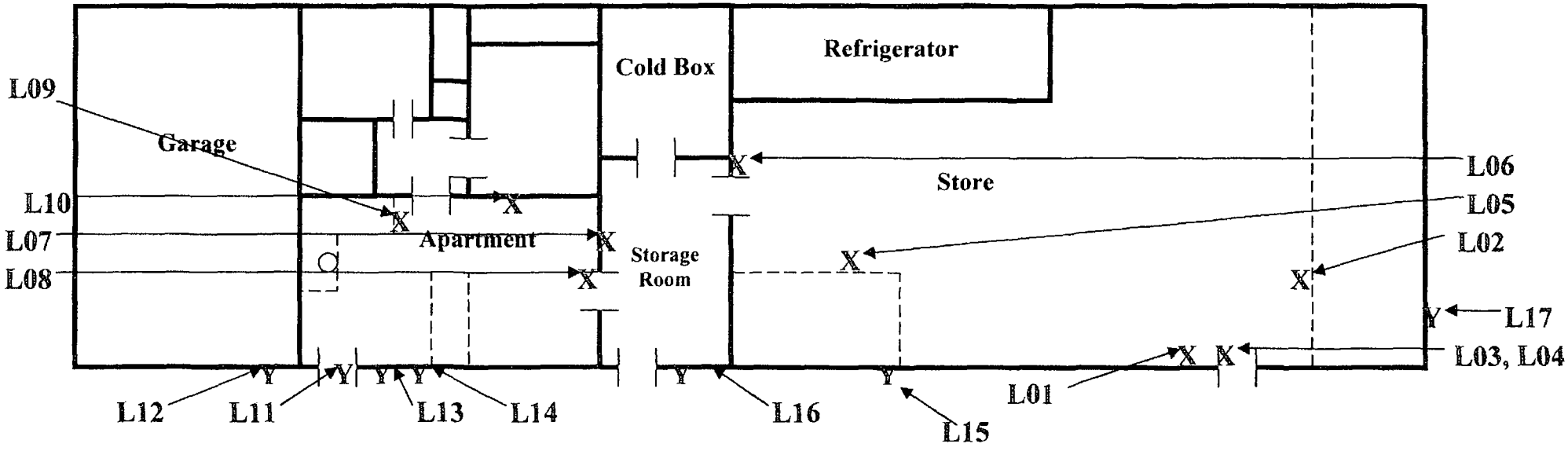
Leon Environmental Services

Richard "Danny" Leon CAC Certification No. 04-3708
Tommy Leon CAC Certification No. 05-3882

N

Sample Collection Diagram
3269 S. Golden State, Fresno Ca
Job L05-07
Drawing not to Scale

Y = Exterior Samples
X = Interior Samples
R = Roof Samples



7637 North Bain Avenue, Fresno, CA 93722
Phone: 559.274.9200 Fax: 559.274.9240 Email: LeonEnviro@comcast.net

EMC LABS, INC.

9830 South 51st Street, Suite B-109 / PHOENIX, ARIZONA 85044 / 480-940-5294 or 800-362-3373 / FAX 480-893-1726
emclab@emclabs.com

LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #:	L31757	**DATE RECEIVED:**	03/28/07
CLIENT:	Leon Environmental	**REPORT DATE:**	04/02/07
		DATE OF ANALYSIS:	03/29/07
CLIENT ADDRESS:	7637 N. Bain Fresno, CA 93722	**P.O. NO.:**	
PROJECT NAME:	Golden State Market	**PROJECT NO.:**	L05

EMC # L31757-	SAMPLE DATE /07	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
1	03/27	L01	SE Store Brick Wall/White Paint	0.010	0.044
2	03/27	L02	East Store Metal Wall/White Paint	0.010	BRL
3	03/27	L03	Door Frame Metal/Brown Paint	0.010	0.113
4	03/27	L04	Door Frame Wood/Black Paint	0.010	0.512
5	03/27	L05	Middle Wall Wood/White Paint	0.010	0.056
6	03/27	L06	Storage Door Frame Metal/White Paint	0.010	0.752

^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results **BRL** = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

This report applies to the standards or procedures identified and to the samples tested only. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. Unless otherwise noted, all quality control analyses for the samples noted above were within acceptable limits. Blank correction is performed if the result for the blank is higher than the reporting limit.

Where it is noted that a sample with excessive substrate was submitted for laboratory analysis, such analysis may be biased. The lead content of such sample may, in actuality, be greater than reported. EMC makes no warranty, express or implied, as to the accuracy of the analysis of samples noted to have been submitted with excessive substrate. Resampling is recommended in such situations to verify original laboratory results.

ANALYST: Jason Thompson

QA COORDINATOR: Kurt Kettler

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PROJECT NAME:	Golden State Market	**PROJECT NO.:**	L05

EMC # L31757-	SAMPLE DATE /07	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
7	03/27	L07	Storage West Wall Wood/White Paint	0.010	0.064
8	03/27	L08	Apartment Door Frame Wood/White Paint	0.010	0.100
9	03/27	L09	Kitchen Cabinet Wood/White Paint	0.010	0.189
10	03/27	L10	Family Room Wall Wood/White Paint	0.010	0.013
11	03/27	L11	Exterior Apartment Door/White Paint	0.010	0.082
12	03/27	L12	Post Metal/White Paint	0.010	BRL

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CLIENT ADDRESS:	7637 N. Bain Fresno, CA 93722	**P.O. NO.:**	
PROJECT NAME:	Golden State Market	**PROJECT NO.:**	L05

EMC # L31757-	SAMPLE DATE /07	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
13	03/27	L13	Exterior Wall Metal/Green Paint	0.010	0.026
14	03/27	L14	Exterior Wall Metal/White Paint	0.010	0.034
15	03/27	L15	Facia/Blue Paint	0.010	1.03
16	03/27	L16	Exterior Wood Door/White Paint	0.010	0.137
17	03/27	L17	Facia/Green Paint	0.100	4.52^

^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results **BRL** = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

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ANALYST: Jason Thompson

QA COORDINATOR: Kurt Kettler

PROJECT NAVIGATOR, LTD.®

October 4, 2007

Project No. 06-113

Mr. Gary J. Riley, P.E.
Remedial Project Manager
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
Mail Code SFD-7-2
San Francisco, CA 94105

Purity Oil Sales Superfund Site
Malaga, California
Offsite Remediation Definable Features of Work Completion Report

Dear Mr. Riley:

Enclosed please find the Definable Features of Work (DFW) Completion Report for the offsite remediation activities conducted at the Purity Oil Sales Superfund Site located in Malaga, California through September 28, 2007.

Please feel free to contact me if you have any questions at (714) 388-1804 or tzeier@projectnavigator.com.

Sincerely,

Tamara Zeier

Tamara Zeier, P.E.
Purity Oil Sales Superfund Site Project Coordinator

TZ:tz

Attachment: DFW Completion Report - Offsite Remediation Activities

cc: Jerry Faucheux, Tetra Tech
Kevin Bricknell, Tetra Tech
Emmanuel Mensah, DTSC
Robert Mihalovich, Chevron
Michael Steinbrecher, Chevron
David Giannotti, David A. Giannotti
Tom Peet, SECOR
Jeremy Rasmussen, SECOR
Dave Miller, SECOR
Gary Cameron, SECOR
John Savage, SECOR
Don Haugan, SECOR
Mike Bacsik, PNL
Steve Richard, SECOR

ONE POINTE DRIVE, SUITE 320, BREA, CALIFORNIA, 92821
T: (714) 388-1800 • F: (714) 388-1839 • www.projectnavigator.com

Cindy L. Stone

From: Tamara Zeier
Sent: Thursday, October 04, 2007 12:15 PM
To: Riley.Gary@epa.gov
Cc: Emmanuel Mensah (emensah@dtsc.ca.gov); 'Jerry Faucheux (ttemiwest@hotmail.com)'; 'Doug Herlocker (Douglas.Herlocker@ttemi.com)'; 'Kevin.Bricknell@ttemi.com'
Subject: Purity: updated definable features of work for offsite remediation activities

Attachments: Purity_DFW_for_Offsite_Remediation.pdf

Gary,

Attached is the updated definable features of work completion report for the offsite remediation activities at the Purity Oil Sales Superfund Site through September 28, 2007. I apologize for the file size, but thought you'd like to receive via email. This will also be posted to www.projectoolbox.com soon.

Please let me know if you have any questions. Thank you.
-Tamara

Purity_DFW_for_Offsite_Remedia...

From: Tamara Zeier
Sent: Thursday, July 19, 2007 12:42 PM
To: Riley.Gary@epa.gov
Cc: Emmanuel Mensah (emensah@dtsc.ca.gov); 'Jerry Faucheux (ttemiwest@hotmail.com)'; 'Doug Herlocker (Douglas.Herlocker@ttemi.com)'; 'Kevin.Bricknell@ttemi.com'
Subject: Purity: definable features of work for offsite remediation activities

Gary,

Attached is the definable features of work completion report for the offsite remediation activities at the Purity Oil Sales Superfund Site through July 6, 2007. I apologize for the file size, but thought you'd like to receive via email. This will also be posted to www.projectoolbox.com soon.

Please let me know if you have any questions. Thank you.

Tamara Zeier, P.E.
Project Navigator, Ltd.
Direct Phone: (714) 388-1804
Fax: (714) 388-1839
Website: www.projectnavigator.com